

THT Labels: PermaSleeve® Wire Marking Sleeves

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Printer Compatibility

Printer compatibility for PermaSleeve® Wire Marking Sleeves varies by part number. Please see pages 104-129 to find complete printer compatibility for each PermaSleeve® Wire Marking Sleeve.

PermaSleeve® Wire Marking Sleeves

Permanent Heat Shrink Wire Identification.

Brady's non-adhesive, printable heat shrink wire marking sleeves fit snugly around wires or cables for maximum insulation protection and permanent identification. Brady's heat shrink sleeving is a full-circle design that provides fast and permanent wire marking. Clear, legible text can be printed on the wire and cable sleeving with a Brady printer for reliable wire identification.

Brady heat shrink sleeving materials excel in extreme environments, including temperature fluctuations and environments that require abrasion and chemical resistance. Brady offers a variety of materials available to print using thermal transfer and dot matrix printers.

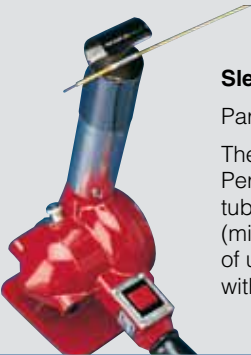


PermaSleeve® Heat Shrinkable Wire Marking Sleeves Comparison Guide

Use the following table to help determine which PermaSleeve® Heat-Shrinkable Wire Marking Sleeves are right for your application. Then reference the following pages for more information and all available part numbers.

Material	Product Category	Product Name Prefix	Adhesive Tape Color	Available Label Colors*	Liner Platform	Shrink Ratio
B-342 PermaSleeve® PS Polyolefin Wire Marking Sleeves (see page 104)	Industrial/Military Grade	PS: Single-Sided 3PS: Double-Sided Example: 3PS-187-2-WT	Blue	Black, Blue, Brown, Green, Gray, Orange, Pink, Red, Violet, White, Yellow	Durable Paper Cardstock Liner	3:1
B-345 PermaSleeve® HT High Temperature PVDF Wire Marking Sleeves (see page 110)	High-Temperature	2HT: Double-Sided Example: 2HT-187-2-WT-S	Yellow	Black, Blue, Pink, White, Yellow	Durable Paper Cardstock Liner	2:1 (3:1 for 3/4")
B-7641 PermaSleeve® ZH Low Halogen Polyolefin Wire Marking Sleeves (see page 112)	Zero-Halogen	ZH: Single-Sided 2ZH: Double-Sided Example: 2ZH-187-2-WT	Clear	Black, Blue, Brown, Green, Gray, Orange, Red, Violet, White, Yellow	Durable Paper Cardstock Liner	2:1
B-7642 PermaSleeve® HX Polyolefin Wire Marking Sleeves (see page 120)	Industrial/Military Grade	HX: Single-Sided 2HX: Double-Sided Example: 2HX-187-2-WT	Red	Black, Blue, Brown, Green, Gray, Orange, Pink, Red, Violet, White, Yellow	Durable Paper Cardstock Liner	2:1

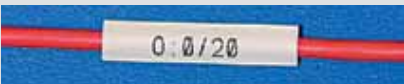
*Some colors available only as special order.



Sleeve Heat Gun

Part Number: PMS-HG-1

The Brady Heat Gun provides fast, even shrinkage of PermaSleeve Wire Marking Sleeves or heat-shrinkable tubing. Deflector shield evenly distributes forced air heat (minimum temperature 500°F (260°C)) around sleeves of up to 3/4" diameter for uniform shrinkage. Sturdy base with rubber pad allows hands-off operation.



Before heat shrink



After heat shrink

THT Labels: PermaSleeve® Wire Marking Sleeves



How to Select a Wire Marker

There are four main questions to ask yourself when you're starting the process of marking wires. These questions will help you select a wire marker that best suits your needs.

1. Are you marking the wire after termination?

Sleeve markers can only be used before termination because they must be slipped over the open end of the wire. These non-adhesive markers provide flexibility as they can be moved prior to being heat-shrunk. Once shrunk, these markers fit snugly around wires for permanent identification which will stand up to harsh environments.

2. What gauge wire are you marking?

The size of the wire determines the diameter of the sleeve or the height of the label to be used.

3. Will you print your own markers or purchase preprinted ones?

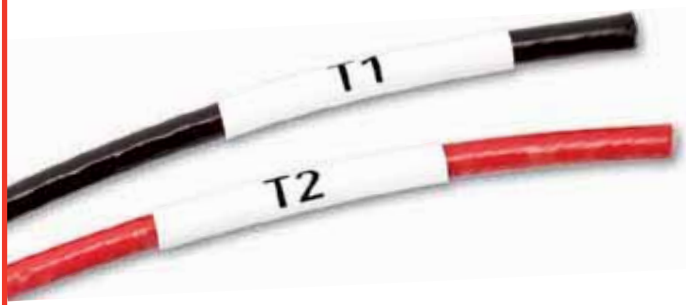
Preprinted markers are available in a large variety of stock legends, and custom legends are available for any large jobs. These markers come in a variety of packaging and formats for ease of use and ease of transport. They are ideal for any application.

Printable markers are meant to be printed with variable legends as needed. Various methods for this include: portable wire marking printers or computer software linked to thermal transfer, dot matrix, laser or ink-jet printers. An extensive array of sizes are available for every application. These printable markers offer the flexibility of printing legends on demand. They are also ideal for applications that require long legends.

4. In what type of environment will these wire markers be placed?

It is extremely important to select a wire marker material that will last for your application. Too many companies go to the trouble of marking only to have to do it all again because they did not select the correct material. Be sure to ask yourself these questions before you select your wire marker:

- Does it need to withstand contact with oil, water, chemicals or solvents?
- Are there self-extinguishing properties or requirements?
- Will the marking be exposed to high temperatures?
- Any industry or special specification requirements?
- Should it withstand dirt and environmental factors?



How to Select a Marker Size

Brady offers a variety of marker sizes for your wire marking needs. Please view the charts listed below to assist you in choosing the minimum recommended label height for your specific type of wire or cable that you are identifying.

Size AWG.	O.D. mm (inch)	Circumference mm (inch)	Minimum Recommended Label Height mm (inch)
Type THW Wire O.D.			
18	0.108 (2.74)	2.64 (0.34)	12.70 (0.500)
16	0.118 (3.00)	9.42 (0.37)	12.70 (0.500)
14	4.11 (0.162)	12.91 (0.51)	19.05 (0.750)
12	4.55 (0.179)	14.29 (0.56)	25.40 (1.000)
10	5.05 (0.199)	15.86 (0.63)	25.40 (1.000)
8	7.01 (0.276)	22.01 (0.87)	38.10 (1.500)
6	8.20 (0.323)	25.75 (1.02)	38.10 (1.500)
4	9.45 (0.372)	29.67 (1.17)	44.45 (1.750)
3	10.19 (0.401)	32.00 (1.26)	50.80 (2.000)
2	11.00 (0.433)	34.54 (1.36)	50.80 (2.000)
1	12.90 (0.508)	40.51 (1.60)	63.50 (2.500)
1/0	13.95 (0.549)	43.80 (1.72)	63.50 (2.500)
2/0	15.11 (0.595)	47.45 (1.87)	76.20 (3.000)
3/0	16.43 (0.647)	51.59 (2.03)	76.20 (3.000)
4/0	17.91 (0.705)	56.24 (2.21)	88.90 (3.500)
Type THHN Wire O.D.			
18	2.26 (0.089)	7.10 (0.28)	12.70 (0.500)
16	2.54 (0.100)	7.98 (0.31)	12.70 (0.500)
14	2.67 (0.105)	8.38 (0.33)	12.70 (0.500)
12	3.10 (0.122)	9.73 (0.38)	12.70 (0.500)
10	3.89 (0.153)	12.21 (0.48)	19.05 (0.750)
8	5.54 (0.218)	17.40 (0.68)	25.40 (1.000)
6	6.53 (0.257)	20.50 (0.81)	31.75 (1.250)
4	8.33 (0.328)	26.16 (1.03)	38.10 (1.500)
3	9.04 (0.356)	28.39 (1.12)	44.45 (1.750)
2	9.86 (0.388)	30.96 (1.22)	50.80 (2.000)
1	11.43 (0.450)	35.89 (1.41)	57.15 (2.250)
1/0	12.47 (0.491)	36.16 (1.54)	63.50 (2.500)
2/0	13.64 (0.537)	42.83 (1.69)	63.50 (2.500)
3/0	14.94 (0.588)	46.91 (1.85)	69.85 (2.750)
4/0	16.41 (0.646)	51.53 (2.03)	76.20 (3.000)
Type PVC Wire O.D.			
22	1.57 (0.062)	4.93 (0.19)	7.62 (0.300)
20	1.75 (0.069)	5.50 (0.22)	7.62 (0.300)
18	2.00 (0.079)	6.28 (0.25)	12.70 (0.500)
16	2.34 (0.092)	7.53 (0.29)	12.70 (0.500)
14	3.50 (0.138)	10.99 (0.43)	19.05 (0.750)
12	4.01 (0.158)	12.59 (0.50)	19.05 (0.750)
10	4.65 (0.183)	14.60 (0.57)	25.40 (1.000)
8	6.35 (0.250)	19.94 (0.79)	31.75 (1.250)
Type Teflon Wire O.D.			
22	1.52 (0.060)	4.77 (0.19)	7.62 (0.300)
20	1.73 (0.068)	5.43 (0.21)	7.62 (0.300)
18	2.01 (0.079)	6.31 (0.25)	12.70 (0.500)
16	2.26 (0.089)	7.10 (0.28)	12.70 (0.500)

THT Labels: PermaSleeve® Wire Marking Sleeves

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B-342 PermaSleeve® PS Polyolefin Wire Marking Sleeves

B-342 PermaSleeve® PS Polyolefin Wire Marking Sleeves are a 3:1 heat shrinkable wire marking sleeve that fits snugly around wires for identification and protection. These fade-resistant and flame retardant sleeves meet the following insulating material and physical property specifications:

- SAE-AMS-DTL-23053/5C (Class 1)
- SAE-AS-81531
- MIL-STD-202
- RoHS Compliant
- UL Recognized

- Tested per:**
- ASTM E162
 - ASTM E662



Find Your PermaSleeve Part Number:

Assemble Your Own B-342 PermaSleeve® PS Wire Marking Sleeve part number below, or view all available part numbers on the following pages.

Quickly Assemble Your Own Part Number:

Follow the steps below to assemble the B-342 PermaSleeve® PS Wire Marking Sleeve part number that meets your needs.

Example Part Number:

3PS - 187 - 2 - WT - S - 4

Product Diameter Width Color Roll Size Pieces

Optional

Create your own:

Product - Diameter - Width - Color - Roll Size - Pieces

Available options for B-342 PermaSleeve® PS Wire Marking Sleeves:

Step 1: Choose Product Type
PS = Single Sided Printing, B-342
3PS = Double Sided Printing, B-342

Step 2: Choose Diameter
094 = 3/32" size fits wire diameter 0.023" - 0.080" and approx. wire gauge 28 to 20
125 = 1/8" size fits wire diameter 0.046" - 0.110" and approx. wire gauge 22 to 16
187 = 3/16" size fits wire diameter 0.062" - 0.150" and approx. wire gauge 20 to 10
250 = 1/4" size fits wire diameter 0.094" - 0.215" and approx. wire gauge 16 to 8
375 = 3/8" size fits wire diameter 0.125" - 0.320" and approx. wire gauge 12 to 4
500 = 1/2" size fits wire diameter 0.187" - 0.450" and approx. wire gauge 8 to 1
750 = 3/4" size fits wire diameter 0.250" - 0.700" and approx. wire gauge 6 to 4/0
1000 = 1" size fits wire diameter 0.333" - 0.950" and approx. wire gauge 2 to 0.950 dia.
1500 = 1 1/2" size fits wire diameter 0.500" - 1.400", wire gauge not applicable

Step 3: Choose Sleeve Width
150 = 1 1/2"
2 = 2"

Step 4: Choose Your Color
Standard Colors for PS and 3PS
BK = Black GY = Gray VT = Violet
BL = Blue OR = Orange WT = White
BR = Brown PK = Pink YL = Yellow
GR = Green RD = Red

Step 5 (optional): Choose Roll Size
Note: If small size is desired, indicate by inserting "S" into Roll Size blank.
If sleeve diameter is 094-250: If sleeve diameter is 500:
Standard = 2,500 Small ("S") = 500 Standard = 500 Small ("S") = 250
If sleeve diameter is 375: If sleeve diameter is 750-1500:
Standard = 1,000 Small ("S") = 250 Standard=250 Small ("S") = 100

Step 6 (optional): Choose Pieces Per Sleeve
While 1 marker per sleeve is standard, if desired, the sleeve can be split into multiple pieces. Insert number of pieces into "Pieces" blank.
Example: PS-094-150-WT-2 This "2" means that this 1.500" sleeve is slit into two 0.750" pieces
Available options: 2, 3, or 4 pieces.

Recommended Ribbon Series: R4300, R6600, R6700 (with black sleeves) Series

Recommended Printer Series: Bradyprinter™ PR Plus Printer, Brady IP™ Printer, BBP®72 Double Sided Printer

Software Compatibility: LabelMark™ Labeling Software, CodeSoft™ 9 Labeling Software

THT Labels: PermaSleeve® Wire Marking Sleeves

B-342 PermaSleeve® PS Polyolefin Wire Marking Sleeves:

Use the table below to browse all available single-sided printing, 1.5" width B-342 PermaSleeve® PS Polyolefin Wire Marking Sleeves or build your own part number on page 104.

Single-Sided Printable, 1.5" Sleeve Width

Part Number	Sleeves Per Roll	Pieces Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm) Min. Max.		Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Printer	Rec. Ribbon
PS-094-150-WT	2,500	2,500	28 to 20	0.023 (0.6)	0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	1.500 (38.1)	PR Plus, IP	R4300/ R6602
PS-094-150-WT-**	2,500	--	28 to 20	0.023 (0.6)	0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-094-150-WT-S	500	500	28 to 20	0.023 (0.6)	0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	1.500 (38.1)	PR Plus, IP	R4300/ R6602
PS-094-150-WT-S-**	500	--	28 to 20	0.023 (0.6)	0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-125-150-WT	2,500	2,500	22 to 16	0.046 (1.2)	0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	1.500 (38.1)	PR Plus, IP	R4300/ R6602
PS-125-150-WT-**	2,500	--	22 to 16	0.046 (1.2)	0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-125-150-WT-S	500	500	22 to 16	0.046 (1.2)	0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	1.500 (38.1)	PR Plus, IP	R4300/ R6602
PS-125-150-WT-S-**	500	--	22 to 16	0.046 (1.2)	0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-187-150-WT	2,500	2,500	20 to 10	0.062 (1.6)	0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	1.500 (38.1)	PR Plus, IP	R4300/ R6602
PS-187-150-WT-**	2,500	--	20 to 10	0.062 (1.6)	0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-187-150-WT-S	500	500	20 to 10	0.062 (1.6)	0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	1.500 (38.1)	PR Plus, IP	R4300/ R6602
PS-187-150-WT-S-**	500	--	20 to 10	0.062 (1.6)	0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-250-150-WT	2,500	2,500	16 to 8	0.094 (2.4)	0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	1.500 (38.1)	PR Plus, IP	R4300/ R6602
PS-250-150-WT-**	2,500	--	16 to 8	0.094 (2.4)	0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-250-150-WT-S	500	500	16 to 8	0.094 (2.4)	0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	1.500 (38.1)	PR Plus, IP	R4300/ R6602
PS-250-150-WT-S-**	500	--	16 to 8	0.094 (2.4)	0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-375-150-WT	1,000	1,000	12 to 4	0.125 (3.2)	0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	1.500 (38.1)	PR Plus, IP	R4300/ R6602
PS-375-150-WT-**	1,000	--	12 to 4	0.125 (3.2)	0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-375-150-WT-S	250	250	12 to 4	0.125 (3.2)	0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	1.500 (38.1)	PR Plus, IP	R4300/ R6602
PS-375-150-WT-S-**	250	--	12 to 4	0.125 (3.2)	0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-500-150-WT	500	500	8 to 1	0.187 (4.8)	0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	1.500 (38.1)	PR Plus, IP	R4300/ R6602
PS-500-150-WT-**	500	--	8 to 1	0.187 (4.8)	0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-500-150-WT-S	250	250	8 to 1	0.187 (4.8)	0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	1.500 (38.1)	PR Plus, IP	R4300/ R6602
PS-500-150-WT-S-**	250	--	8 to 1	0.187 (4.8)	0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602

*Choosing Your PermaSleeve Color

While white is the standard color, you may special order your sleeves in the colors listed below. Replace WT with the abbreviation of the desired color.

Example: PS-094-150-WT-S becomes PS-094-150-RD-S

Standard Stock Colors:

WT = White

Special Order Colors:

(Contact Brady Customer Service for availability)

BK = Black GR = Green PK = Pink
BL = Blue GY = Gray RD = Red
BR = Brown OR = Orange VT = Violet
YL = Yellow

** Choosing Your PermaSleeve Pieces (optional):

While 1 marker per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Replace the double asterisks (**) in the part number to fill in your desired pieces per marker.

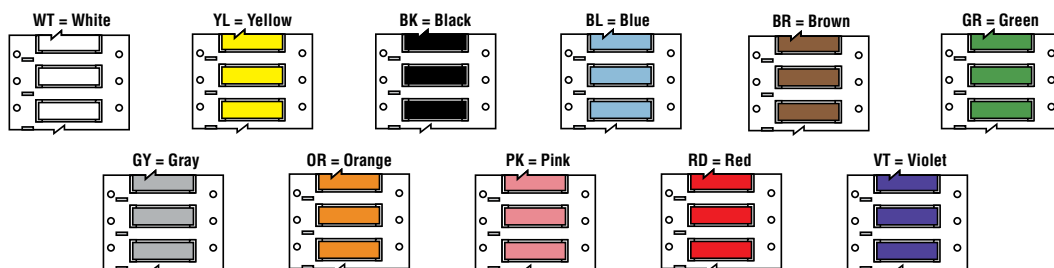
Example: PS-187-150-WT-S-** becomes PS-187-150-WT-S-4
This "4" means that this 2.000" sleeve is slit into four 0.500" pieces.

Standard Option:

1 marker per sleeve

Other Available Slit Options:

(Contact Brady Customer Service for availability)
2, 3 or 4 markers per sleeve



Note: White is standard. All other colors available as special order for the single-sided printable, 1.5" sleeve width.

See all benchtop printer ribbon parts on page 152
and full material descriptions on pages 164-170.

Approx. wire gauge based on AWG for THHN wire.

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B-342 PermaSleeve® PS Polyolefin Wire Marking Sleeves:

Use the table below to browse all available single-sided printing, 2" width B-342 PermaSleeve® PS Polyolefin Wire Marking Sleeves or build your own part number on page 104.

Single-Sided Printable, 2" Sleeve Width

Part Number	Sleeves Per Roll	Pieces Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm) Min. Max.		Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Printer	Rec. Ribbon
PS-094-2-WT	2,500	2,500	28 to 20	0.023 (0.6)	0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, IP	R4300/ R6602
PS-094-2-WT-**	2,500	--	28 to 20	0.023 (0.6)	0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-094-2-WT-S	500	500	28 to 20	0.023 (0.6)	0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, IP	R4300/ R6602
PS-094-2-WT-S-**	2,500	--	28 to 20	0.023 (0.6)	0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-094-2-*S	500	500	28 to 20	0.023 (0.6)	0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, IP	R4300/ R6602
PS-094-2-*S-**	2,500	--	28 to 20	0.023 (0.6)	0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-125-2-WT	2,500	2,500	22 to 16	0.046 (1.2)	0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	2.000 (50.8)	PR Plus, IP	R4300/ R6602
PS-125-2-WT-**	2,500	--	22 to 16	0.046 (1.2)	0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-125-2-WT-S	500	500	22 to 16	0.046 (1.2)	0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	2.000 (50.8)	PR Plus, IP	R4300/ R6602
PS-125-2-WT-S-**	500	--	22 to 16	0.046 (1.2)	0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-125-2-*S	500	500	22 to 16	0.046 (1.2)	0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	2.000 (50.8)	PR Plus, IP	R4300/ R6602
PS-125-2-*S-**	500	--	22 to 16	0.046 (1.2)	0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-187-2-WT	2,500	2,500	20 to 10	0.062 (1.6)	0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	2.000 (50.8)	PR Plus, IP	R4300/ R6602
PS-187-2-WT-**	2,500	--	20 to 10	0.062 (1.6)	0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-187-2-WT-S	500	500	20 to 10	0.062 (1.6)	0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	2.000 (50.8)	PR Plus, IP	R4300/ R6602
PS-187-2-WT-S-**	500	--	20 to 10	0.062 (1.6)	0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-187-2-*S	500	500	20 to 10	0.062 (1.6)	0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	2.000 (50.8)	PR Plus, IP	R4300/ R6602
PS-187-2-*S-**	500	--	20 to 10	0.062 (1.6)	0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-250-2-WT	2,500	2,500	16 to 8	0.094 (2.4)	0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, IP	R4300/ R6602
PS-250-2-WT-**	2,500	--	16 to 8	0.094 (2.4)	0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-250-2-WT-S	500	500	16 to 8	0.094 (2.4)	0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, IP	R4300/ R6602
PS-250-2-WT-S-**	500	--	16 to 8	0.094 (2.4)	0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-250-2-*S	500	500	16 to 8	0.094 (2.4)	0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, IP	R4300/ R6602
PS-250-2-*S-**	500	--	16 to 8	0.094 (2.4)	0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-375-2-WT	1,000	1,000	12 to 4	0.125 (3.2)	0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, IP	R4300/ R6602
PS-375-2-WT-**	1,000	--	12 to 4	0.125 (3.2)	0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-375-2-WT-S	250	250	12 to 4	0.125 (3.2)	0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, IP	R4300/ R6602
PS-375-2-WT-S-**	250	--	12 to 4	0.125 (3.2)	0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-375-2-*S	250	250	12 to 4	0.125 (3.2)	0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, IP	R4300/ R6602
PS-375-2-*S-**	250	--	12 to 4	0.125 (3.2)	0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602

B-342 PermaSleeve® PS Single-Sided 2" Width Wire Marking Sleeves continue on next page.

***Choosing Your PermaSleeve Color**

You may also choose to order your PermaSleeves PS 2" width sleeves in the colors listed below. Replace the singular asterisk (*) with the abbreviation of the desired color.
Example: PS-094-2-*S becomes PS-094-2-YL-S

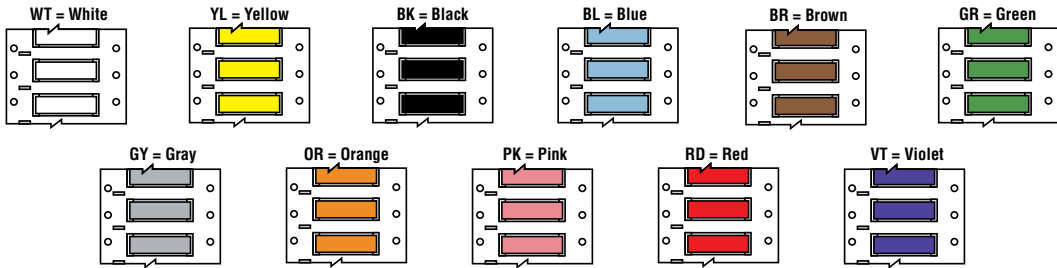
Available Stock Colors:

BK = Black	GR = Green	PK = Pink	YL = Yellow
BL = Blue	GY = Gray	RD = Red	WT = White
BR = Brown	OR = Orange	VT = Violet	

**** Choosing Your PermaSleeve Pieces (optional):**

While 1 marker per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Replace the double asterisks (**) in the part number to fill in your desired pieces per marker.
Example: PS-187-2-WT-S-** becomes PS-187-2-WT-S-4
This "4" means that this 2.000" sleeve is slit into four 0.500" pieces.

Standard Option: 1 marker per sleeve	Other Available Slit Options: (Contact Brady Customer Service for availability) 2, 3 or 4 markers per sleeve
--	---



See all benchtop printer ribbon parts on page 152 and full material descriptions on pages 164-170.

Approx. wire gauge based on AWG for THHN wire.

THT Labels: PermaSleeve® Wire Marking Sleeves

B-342 PermaSleeve® PS Polyolefin Wire Marking Sleeves:

Single-Sided Printable, 2" Sleeve Width (Continued from previous page.)

Part Number	Sleeves Per Roll	Pieces Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm) Min. Max.	Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Printer	Rec. Ribbon
PS-500-2-WT	500	500	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, IP	R4300/ R6602
PS-500-2-WT-*	500	--	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-500-2-WT-S	250	250	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, IP	R4300/ R6602
PS-500-2-WT-S-*	250	--	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-500-2-*S	250	250	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, IP	R4300/ R6602
PS-500-2-*S-*	250	--	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-750-2-WT	250	250	6 to 4/0	0.250 (6.6) - 0.700 (17.8)	0.750 (19.0)	0.250 (6.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, IP	R4300/ R6602
PS-750-2-WT-*	250	--	6 to 4/0	0.250 (6.6) - 0.700 (17.8)	0.750 (19.0)	0.250 (6.4)	.025 (0.6) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-750-2-WT-S	100	100	6 to 4/0	0.250 (6.6) - 0.700 (17.8)	0.750 (19.0)	0.250 (6.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, IP	R4300/ R6602
PS-750-2-WT-S-*	100	--	6 to 4/0	0.250 (6.6) - 0.700 (17.8)	0.750 (19.0)	0.250 (6.4)	.025 (0.6) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-750-2-*S	100	100	6 to 4/0	0.250 (6.6) - 0.700 (17.8)	0.750 (19.0)	0.250 (6.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, IP	R4300/ R6602
PS-750-2-*S-*	100	--	6 to 4/0	0.250 (6.6) - 0.700 (17.8)	0.750 (19.0)	0.250 (6.4)	.025 (0.6) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-1000-2-WT	250	250	2 to 0.950 dia.	0.333 (8.5) - 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	2.000 (50.8)	PR Plus, IP	R4300/ R6602
PS-1000-2-WT-*	250	--	2 to 0.950 dia.	0.333 (8.5) - 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-1000-2-WT-S	100	100	2 to 0.950 dia.	0.333 (8.5) - 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	2.000 (50.8)	PR Plus, IP	R4300/ R6602
PS-1000-2-WT-S-*	100	--	2 to 0.950 dia.	0.333 (8.5) - 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-1000-2-*S	100	100	2 to 0.950 dia.	0.333 (8.5) - 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	2.000 (50.8)	PR Plus, IP	R4300/ R6602
PS-1000-2-*S-*	100	--	2 to 0.950 dia.	0.333 (8.5) - 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-1500-2-WT	250	250	N/A	0.500 (12.7) - 1.400 (35.6)	1.500 (38.1)	0.500 (12.7)	.035 (0.9) ± .003 (0.07)	2.000 (50.8)	PR Plus, IP	R4300/ R6602
PS-1500-2-WT-*	250	--	N/A	0.500 (12.7) - 1.400 (35.6)	1.500 (38.1)	0.500 (12.7)	.035 (0.9) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-1500-2-WT-S	100	100	N/A	0.500 (12.7) - 1.400 (35.6)	1.500 (38.1)	0.500 (12.7)	.035 (0.9) ± .003 (0.07)	2.000 (50.8)	PR Plus, IP	R4300/ R6602
PS-1500-2-WT-S-*	100	--	N/A	0.500 (12.7) - 1.400 (35.6)	1.500 (38.1)	0.500 (12.7)	.035 (0.9) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602
PS-1500-2-*S	100	100	N/A	0.500 (12.7) - 1.400 (35.6)	1.500 (38.1)	0.500 (12.7)	.035 (0.9) ± .003 (0.07)	2.000 (50.8)	PR Plus, IP	R4300/ R6602
PS-1500-2-*S-*	100	--	N/A	0.500 (12.7) - 1.400 (35.6)	1.500 (38.1)	0.500 (12.7)	.035 (0.9) ± .003 (0.07)	--	PR Plus, IP	R4300/ R6602

*Choosing Your PermaSleeve Color

You may also choose to order your PermaSleeves PS 2" width sleeves in the colors listed below. Replace the singular asterisk (*) with the abbreviation of the desired color.

Example: PS-094-2-*S becomes PS-094-2-YL-S

Available Stock Colors:

BK = Black GR = Green PK = Pink YL = Yellow
BL = Blue GY = Gray RD = Red WT = White
BR = Brown OR = Orange VT = Violet

** Choosing Your PermaSleeve Pieces (optional):

While 1 marker per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Replace the double asterisks (**) in the part number to fill in your desired pieces per marker.

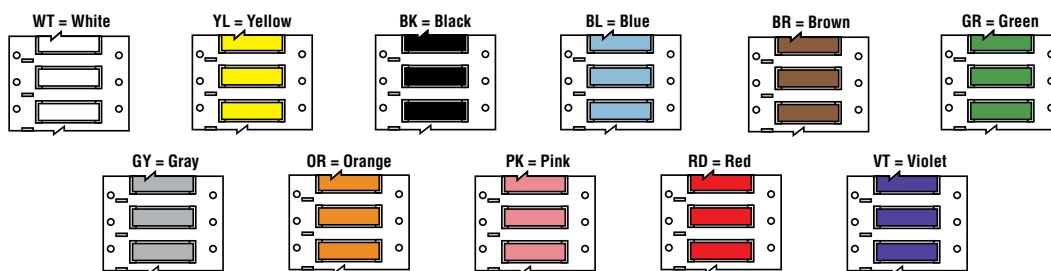
Example: PS-187-2-WT-S-** becomes PS-187-2-WT-S-4
This "4" means that this 2.000" sleeve is slit into four 0.500" pieces.

Standard Option:

1 marker per sleeve

Other Available Slit Options:

(Contact Brady Customer Service for availability)
2, 3 or 4 markers per sleeve



See all benchtop printer ribbon parts on page 152
and full material descriptions on pages 164-170.

Approx. wire gauge based on AWG for THHN wire.

1-800-782-1235 | www.HansenSupply.com

THT Labels: PermaSleeve® Wire Marking Sleeves

www.HansenSupply.com

B-342 PermaSleeve® 3PS Polyolefin Wire Marking Sleeves:

Use the table below to browse all available double-sided printing, 2" width B-342 PermaSleeve® 3PS Polyolefin Wire Marking Sleeves or build your own part number on page 104.

Double-Sided Printable, 2" Sleeve Width

Part Number	Sleeves Per Roll	Pieces Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm) Min. Max.	Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Printer	Rec. Ribbon
3PS-094-2-WT	2,500	2,500	28 to 20	0.023 (0.6) - 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R4300/ R6602
3PS-094-2-WT-**	2,500	--	28 to 20	0.023 (0.6) - 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	--	PR Plus, BBP72, IP	R4300/ R6602
3PS-094-2-WT-S	500	500	28 to 20	0.023 (0.6) - 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R4300/ R6602
3PS-094-2-WT-S-**	500	--	28 to 20	0.023 (0.6) - 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	--	PR Plus, BBP72, IP	R4300/ R6602
3PS-094-2-*S	500	500	28 to 20	0.023 (0.6) - 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R4300/ R6602
3PS-094-2-*S-**	500	--	28 to 20	0.023 (0.6) - 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	--	PR Plus, BBP72, IP	R4300/ R6602
3PS-125-2-WT	2,500	2,500	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R4300/ R6602
3PS-125-2-WT-**	5,000	--	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	--	PR Plus, BBP72, IP	R4300/ R6602
3PS-125-2-WT-S	500	500	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R4300/ R6602
3PS-125-2-WT-S-**	500	--	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	--	PR Plus, BBP72, IP	R4300/ R6602
3PS-125-2-*S	500	500	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R4300/ R6602
3PS-125-2-*S-**	500	--	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	--	PR Plus, BBP72, IP	R4300/ R6602
3PS-187-2-WT	2,500	2,500	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R4300/ R6602
3PS-187-2-WT-**	2,500	--	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	--	PR Plus, BBP72, IP	R4300/ R6602
3PS-187-2-WT-S	500	500	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R4300/ R6602
3PS-187-2-WT-S-**	500	--	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	--	PR Plus, BBP72, IP	R4300/ R6602
3PS-187-2-*S	500	500	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R4300/ R6602
3PS-187-2-*S-**	500	--	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	--	PR Plus, BBP72, IP	R4300/ R6602
3PS-250-2-WT	2,500	2,500	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R4300/ R6602
3PS-250-2-WT-**	5,000	--	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	--	PR Plus, BBP72, IP	R4300/ R6602
3PS-250-2-WT-S	500	500	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R4300/ R6602
3PS-250-2-WT-S-**	1,000	--	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	--	PR Plus, BBP72, IP	R4300/ R6602
3PS-250-2-*S	500	500	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R4300/ R6602
3PS-250-2-*S-**	1,000	--	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	--	PR Plus, BBP72, IP	R4300/ R6602
3PS-375-2-WT	1,000	1,000	12 to 4	0.125 (3.2) - 0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R4300/ R6602
3PS-375-2-WT-**	2,000	--	12 to 4	0.125 (3.2) - 0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	--	PR Plus, BBP72, IP	R4300/ R6602
3PS-375-2-WT-S	250	250	12 to 4	0.125 (3.2) - 0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R4300/ R6602
3PS-375-2-WT-S-**	250	--	12 to 4	0.125 (3.2) - 0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	--	PR Plus, BBP72, IP	R4300/ R6602
3PS-375-2-*S	250	250	12 to 4	0.125 (3.2) - 0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R4300/ R6602
3PS-375-2-*S-**	1,000	--	12 to 4	0.125 (3.2) - 0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	--	PR Plus, BBP72, IP	R4300/ R6602

B-342 PermaSleeve® 3PS Double-Sided 2" Width Wire Marking Sleeves continue on next page.

***Choosing Your PermaSleeve Color**

You may also choose to order your PermaSleeves 3PS 2" width sleeves in the colors listed below. Replace the singular asterisk (*) with the abbreviation of the desired color.
*Example: 3PS-094-2-*S becomes 3PS-094-2-YL-S*

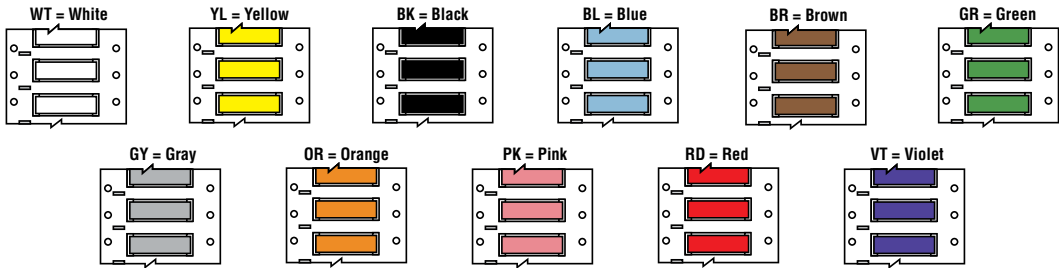
Available Stock Colors:

BK = Black	GR = Green	PK = Pink	YL = Yellow
BL = Blue	GY = Gray	RD = Red	WT = White
BR = Brown	OR = Orange	VT = Violet	

**** Choosing Your PermaSleeve Pieces (optional):**

While 1 marker per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Replace the double asterisks (**) in the part number to fill in your desired pieces per marker.
*Example: 3PS-187-2-WT-S-** becomes 3PS-187-2-WT-S-4*
This "4" means that this 2.000" sleeve is slit into four 0.500" pieces.

Standard Option: 1 marker per sleeve	Other Available Slit Options: (Contact Brady Customer Service for availability) 2, 3 or 4 markers per sleeve
--	---



See all benchtop printer ribbon parts on page 152 and full material descriptions on pages 164-170.

Approx. wire gauge based on AWG for THHN wire.

THT Labels: PermaSleeve® Wire Marking Sleeves

B-342 PermaSleeve® 3PS Polyolefin Wire Marking Sleeves:

Double-Sided Printable, 2" Sleeve Width (Continued from previous page.)

Part Number	Sleeves Per Roll	Pieces Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm) Min. Max.	Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Printer	Rec. Ribbon
3PS-500-2-WT	500	500	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R4300/ R6602
3PS-500-2-WT-*	500	--	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	--	PR Plus, BBP72, IP	R4300/ R6602
3PS-500-2-WT-S	250	250	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R4300/ R6602
3PS-500-2-WT-S-*	250	--	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	--	PR Plus, BBP72, IP	R4300/ R6602
3PS-500-2-S	250	250	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R4300/ R6602
3PS-500-2-S-*	250	--	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	--	PR Plus, BBP72, IP	R4300/ R6602
3PS-750-2-WT	250	250	6 to 4/0	0.250 (6.6) - 0.700 (17.8)	0.750 (19.0)	0.250 (6.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R4300/ R6602
3PS-750-2-WT-*	250	--	6 to 4/0	0.250 (6.6) - 0.700 (17.8)	0.750 (19.0)	0.250 (6.4)	.025 (0.6) ± .003 (0.07)	--	PR Plus, BBP72, IP	R4300/ R6602
3PS-750-2-WT-S	100	100	6 to 4/0	0.250 (6.6) - 0.700 (17.8)	0.750 (19.0)	0.250 (6.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R4300/ R6602
3PS-750-2-WT-S-*	100	--	6 to 4/0	0.250 (6.6) - 0.700 (17.8)	0.750 (19.0)	0.250 (6.4)	.025 (0.6) ± .003 (0.07)	--	PR Plus, BBP72, IP	R4300/ R6602
3PS-750-2-S	100	100	6 to 4/0	0.250 (6.6) - 0.700 (17.8)	0.750 (19.0)	0.250 (6.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R4300/ R6602
3PS-750-2-S-*	100	--	6 to 4/0	0.250 (6.6) - 0.700 (17.8)	0.750 (19.0)	0.250 (6.4)	.025 (0.6) ± .003 (0.07)	--	PR Plus, BBP72, IP	R4300/ R6602
3PS-1000-2-WT	250	250	2 to 0.950 dia	0.333 (8.5) - 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R4300/ R6602
3PS-1000-2-WT-*	250	--	2 to 0.950 dia	0.333 (8.5) - 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	--	PR Plus, BBP72, IP	R4300/ R6602
3PS-1000-2-WT-S	100	100	2 to 0.950 dia	0.333 (8.5) - 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R4300/ R6602
3PS-1000-2-WT-S-*	100	--	2 to 0.950 dia	0.333 (8.5) - 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	--	PR Plus, BBP72, IP	R4300/ R6602
3PS-1000-2-S	100	100	2 to 0.950 dia	0.333 (8.5) - 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R4300/ R6602
3PS-1000-2-S-*	100	--	2 to 0.950 dia	0.333 (8.5) - 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	--	PR Plus, BBP72, IP	R4300/ R6602
3PS-1500-2-WT	250	250	N/A	0.500 (12.7) - 1.400 (35.6)	1.500 (38.1)	0.500 (12.7)	.035 (0.9) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R4300/ R6602
3PS-1500-2-WT-*	250	--	N/A	0.500 (12.7) - 1.400 (35.6)	1.500 (38.1)	0.500 (12.7)	.035 (0.9) ± .003 (0.07)	--	PR Plus, BBP72, IP	R4300/ R6602
3PS-1500-2-WT-S	100	100	N/A	0.500 (12.7) - 1.400 (35.6)	1.500 (38.1)	0.500 (12.7)	.035 (0.9) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R4300/ R6602
3PS-1500-2-WT-S-*	100	--	N/A	0.500 (12.7) - 1.400 (35.6)	1.500 (38.1)	0.500 (12.7)	.035 (0.9) ± .003 (0.07)	--	PR Plus, BBP72, IP	R4300/ R6602
3PS-1500-2-S	100	100	N/A	0.500 (12.7) - 1.400 (35.6)	1.500 (38.1)	0.500 (12.7)	.035 (0.9) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R4300/ R6602
3PS-1500-2-S-*	100	--	N/A	0.500 (12.7) - 1.400 (35.6)	1.500 (38.1)	0.500 (12.7)	.035 (0.9) ± .003 (0.07)	--	PR Plus, BBP72, IP	R4300/ R6602

*Choosing Your PermaSleeve Color

You may also choose to order your PermaSleeves 3PS 2" width sleeves in the colors listed below. Replace the singular asterisk (*) with the abbreviation of the desired color.

Example: 3PS-094-2-S becomes 3PS-094-2-YL-S

Available Stock Colors:

BK = Black GR = Green PK = Pink YL = Yellow
BL = Blue GY = Gray RD = Red WT = White
BR = Brown OR = Orange VT = Violet

** Choosing Your PermaSleeve Pieces (optional):

While 1 marker per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Replace the double asterisks (**) in the part number to fill in your desired pieces per marker.

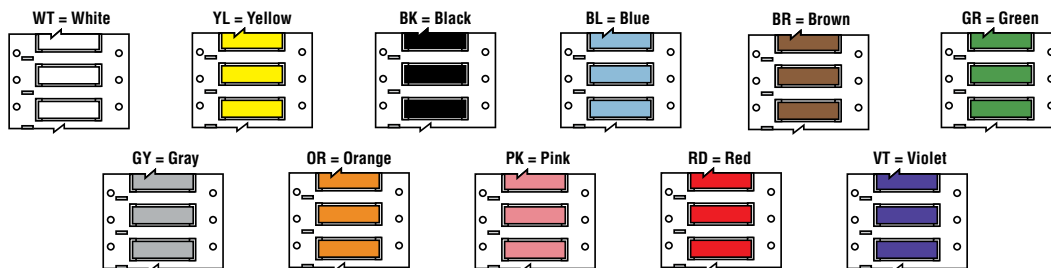
Example: 3PS-187-2-WT-S-** becomes 3PS-187-2-WT-S-4
This "4" means that this 2.000" sleeve is slit into four 0.500" pieces.

Standard Option:

1 marker per sleeve

Other Available Slit Options:

(Contact Brady Customer Service for availability)
2, 3 or 4 markers per sleeve



Did You Know? BBP®11 PermaSleeve Wire Marking Sleeves

Brady also offers a variety of wire marking sleeves on a 1" small core roll specifically designed to be printed with the BBP®11 Label Printer.

To view all BBP®11 PermaSleeve Wire Marking Sleeves, view page 73 or visit www.HansenSupply.com



See all benchtop printer ribbon parts on page 152
and full material descriptions on pages 164-170.

Approx. wire gauge based on AWG for THHN wire.

1-800-782-1235 | www.HansenSupply.com

THT Labels: PermaSleeve® Wire Marking Sleeves

www.HansenSupply.com

B-345 PermaSleeve® HT High Temperature PVDF Wire Marking Sleeves

B-345 PermaSleeve® HT High Temperature PVDF Wire Marking Sleeves are a 2:1 (3/32" is 3:1) heat shrinkable wire marking sleeve specifically designed for high temperature and low vacuum outgassing applications. These heat shrinkable wire marking sleeves are made from irradiated high temperature PVDF and have an operating temperature of -55°C to +225°C (-67°F to +437°F). These heat shrinkable wire marking sleeves meet the following industry specifications:

- NASA SP-R-0022A Outgassing Performance
- SAE-AS-81531
- MIL-STD-202
- RoHS Compliant

Tested per:

- SAE-AMS-DTL-23053/18, Class 2
- ASTM E162
- ASTM E662



Find Your PermaSleeve Part Number:

Assemble Your Own B-345 PermaSleeve® HT Wire Marking Sleeve part number below, or view all available part numbers on the following pages.

Quickly Assemble Your Own Part Number:

Follow the steps below to assemble the B-345 PermaSleeve® HT Wire Marking Sleeve part number that meets your needs.

Example Part Number:

2HT - 187 - 2 - WT - S - 4
 Product Diameter Width Color Roll Size Pieces
 Optional*

Create your own:

Product - Diameter - Width - Color - Roll Size - Pieces

Available options for B-345 PermaSleeve® HT Wire Marking Sleeves:

Step 1: Choose Product Type

Offered in Double Sided Product Format

3HT = 3:1 Shrink Ratio, 3/32" only, B-345

2HT = 2:1 Shrink Ratio, 1/8" through 1 1/2", B-345

Step 2: Choose Diameter

094 = 3/32" size fits wire diameter 0.031" - 0.080" and approx. wire gauge 26 to 20

125 = 1/8" size fits wire diameter 0.063" - 0.110" and approx. wire gauge 20 to 16

187 = 3/16" size fits wire diameter 0.094" - 0.150" and approx. wire gauge 16 to 10

250 = 1/4" size fits wire diameter 0.125" - 0.215" and approx. wire gauge 12 to 8

375 = 3/8" size fits wire diameter 0.187" - 0.320" and approx. wire gauge 8 to 4

500 = 1/2" size fits wire diameter 0.250" - 0.450" and approx. wire gauge 6 to 1

750 = 3/4" size fits wire diameter 0.375" - 0.700" and approx. wire gauge 2 to 4/0

1000 = 1" size fits wire diameter 0.450" - 0.950" and approx. wire gauge 2/0 to 0.950 dia.

1500 = 1 1/2" size fits wire diameter 0.750" - 1.400", and wire gauge not applicable

Step 3: Choose Sleeve Width

2 = 2"

Step 4: Choose Your Color

BK = Black

BL = Blue

PK = Pink

WT = White

YL = Yellow

Step 5: Choose Roll Size

Note: Small size is standard.

If sleeve diameter is 094-250:

Standard Small Size ("S") = 500

If sleeve diameter is 375-500:

Standard Small Size ("S") = 250

If sleeve diameter is 750-1500:

Standard Small Size ("S") = 100

Step 6 (optional): Choose Pieces Per Sleeve

While 1 marker per sleeve is standard, if desired, the sleeve can be split into multiple pieces.

Insert number of pieces into "Pieces" blank.

Example: 2HT-187-2-WT-S-4 This "4" means this 2.000" sleeve is slit into four 0.500" pieces

Available options: 2, 3, or 4 pieces.

Recommended Ribbon Series: R6000, R6600, and R6800 (with black sleeves) Series

Recommended Printer Series: Bradyprinter™ PR Plus Printer, Brady IP™ Printer, BBP®72 Double Sided Printer

Software Compatibility: LabelMark™ Labeling Software, CodeSoft™ 9 Labeling Software

See all benchtop printer ribbon parts on page 152 and full material descriptions on pages 164-170.

Approx. wire gauge based on AWG for THHN wire.

THT Labels: PermaSleeve® Wire Marking Sleeves

B-345 PermaSleeve® HT High Temperature PVDF Wire Marking Sleeves:

Use the table below to browse all available double-sided printing, 2" width B-345 PermaSleeve® HT High Temperature PVDF Wire Marking Sleeves or build your own part number on page 110.

Double-Sided Printable, 2" Sleeve Width

Part Number	Sleeves Per Roll	Pieces Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm) Min. Max.	Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Printer	Rec. Ribbon
3HT-094-2-WT-S	500	500	26 to 20	0.031 (0.6) - 0.080 (2.0)	0.094 (2.4)	0.031 (0.8)	0.015 (0.4) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R6002/ R6602
3HT-094-2-*S	500	500	26 to 20	0.031 (0.6) - 0.080 (2.0)	0.094 (2.4)	0.031 (0.8)	0.015 (0.4) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R6002/ R6602
2HT-125-2-WT-S	500	500	20 to 16	0.063 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.062 (1.6)	0.015 (0.4) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R6002/ R6602
2HT-125-2-*S	500	500	20 to 16	0.063 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.062 (1.6)	0.015 (0.4) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R6002/ R6602
2HT-187-2-WT-S	500	500	16 to 10	0.094 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.093 (2.4)	0.015 (0.4) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R6002/ R6602
2HT-187-2-*S	500	500	16 to 10	0.094 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.093 (2.4)	0.015 (0.4) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R6002/ R6602
2HT-250-2-WT-S	500	500	12 to 8	0.125 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.125 (3.2)	0.015 (0.4) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R6002/ R6602
2HT-250-2-*S	500	500	12 to 8	0.125 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.125 (3.2)	0.015 (0.4) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R6002/ R6602
2HT-375-2-WT-S	250	250	8 to 4	0.187 (3.2) - 0.320 (8.1)	0.375 (9.5)	0.187 (4.7)	0.015 (0.4) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R6002/ R6602
2HT-375-2-*S	250	250	8 to 4	0.187 (3.2) - 0.320 (8.1)	0.375 (9.5)	0.187 (4.7)	0.015 (0.4) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R6002/ R6602
2HT-500-2-WT-S	250	250	6 to 1	0.250 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.250 (6.4)	0.015 (0.4) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R6002/ R6602
2HT-500-2-*S	250	250	6 to 1	0.250 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.250 (6.4)	0.015 (0.4) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R6002/ R6602
2HT-750-2-WT-S	100	100	2 to 4/0	0.375 (6.6) - 0.700 (17.8)	0.750 (19.0)	0.375 (9.5)	0.015 (0.4) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R6002/ R6602
2HT-750-2-*S	100	100	2 to 4/0	0.375 (6.6) - 0.700 (17.8)	0.750 (19.0)	0.375 (9.5)	0.015 (0.4) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72, IP	R6002/ R6602
2HT-1000-2-WT-S	100	100	2/0 to 0.950 dia.	0.450 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.017 (0.4) ± 0.004 (0.1)	2.000 (50.8)	PR Plus, BBP72, IP	R6002/ R6602
2HT-1000-2-*S	100	100	2/0 to 0.950 dia.	0.450 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.017 (0.4) ± 0.004 (0.1)	2.000 (50.8)	PR Plus, BBP72, IP	R6002/ R6602
2HT-1500-2-WT-S	100	100	N/A	0.750 (12.7) - 1.400 (35.6)	1.500 (38.1)	0.750 (19.1)	0.024 (0.6) ± 0.004 (0.1)	2.000 (50.8)	PR Plus, BBP72, IP	R6002/ R6602
2HT-1500-2-*S	100	100	N/A	0.750 (12.7) - 1.400 (35.6)	1.500 (38.1)	0.750 (19.1)	0.024 (0.6) ± 0.004 (0.1)	2.000 (50.8)	PR Plus, BBP72, IP	R6002/ R6602

*Choosing Your PermaSleeve Color

You may also choose to order your PermaSleeves HT 2" width sleeves in the colors listed below. Replace the singular asterisk (*) with the abbreviation of the desired color.

Example: 2HT-094-2-*S becomes 2HT-094-2-YL-S

Available Stock Colors:

BK = Black PK = Pink WT = White
BL = Blue YL = Yellow

** Choosing Your PermaSleeve Pieces (optional):

While 1 marker per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Replace the double asterisks (**) in the part number to fill in your desired pieces per marker.

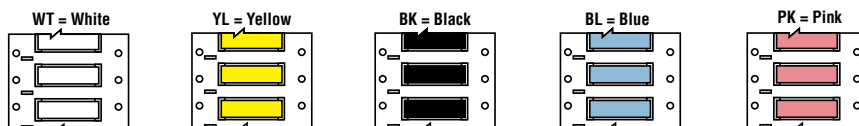
Example: 2HT-187-2-WT-S-** becomes 2HT-187-2-WT-S-4
This "4" means that this 2.000" sleeve is slit into four 0.500" pieces.

Standard Option:

1 marker per sleeve

Other Available Slit Options:

(Contact Brady Customer Service for availability)
2, 3 or 4 markers per sleeve



THT Labels: PermaSleeve® Wire Marking Sleeves

www.HansenSupply.com

B-7641 PermaSleeve® ZH Low Halogen Polyolefin Wire Marking Sleeves

B-7641 PermaSleeve® ZH Low Halogen Polyolefin Wire Marking Sleeves are 2:1 heat shrinkable, low halogen wire marking sleeves. The wire marking sleeves offer outstanding fire safety properties and minimal smoke emission. These low-halogen materials meet the following industry specifications:

- SAE-AS-81531
 - MIL-STD-202
 - RoHS compliant
- Tested per:**

 - ASTM E162
 - ASTM E662



Find Your PermaSleeve Part Number:

Assemble Your Own B-7641 PermaSleeve® ZH Wire Marking Sleeve part number below, or view all available part numbers on the following pages.

Quickly Assemble Your Own Part Number:

Follow the steps below to assemble the B-7641 PermaSleeve® ZH Wire Marking Sleeve part number that meets your needs.

Example Part Number:

2ZH - 187 - 2 - WT

Product Diameter Width Color

S - 4
Roll Size Pieces
Optional*

Create your own:

Product - Diameter - Width - Color - Roll Size - Pieces

Available options for B-7641 PermaSleeve® ZH Wire Marking Sleeves:

Step 1: Choose Product Type

ZH = Single Sided Printing, B-7641

2ZH = Double Sided Printing, B-7641

Step 2: Choose Diameter

094 = $\frac{3}{32}$ " size fits wire diameter 0.047" - 0.080" and approx. wire gauge 24 to 20
125 = $\frac{1}{8}$ " size fits wire diameter 0.062" - 0.110" and approx. wire gauge 20 to 16
187 = $\frac{3}{16}$ " size fits wire diameter 0.094" - 0.151" and approx. wire gauge 16 to 10
250 = $\frac{1}{4}$ " size fits wire diameter 0.125" - 0.215" and approx. wire gauge 12 to 8
375 = $\frac{3}{8}$ " size fits wire diameter 0.188" - 0.320" and approx. wire gauge 8 to 4
500 = $\frac{1}{2}$ " size fits wire diameter 0.250" - 0.450" and approx. wire gauge 6 to 1
750 = $\frac{3}{4}$ " size fits wire diameter 0.375" - 0.700" and approx. wire gauge 2 to 4/0
1000 = 1" size fits wire dia. 0.450" - 0.950" and approx. wire gauge 2/0 to 0.950" dia.
1500 = 1 $\frac{1}{2}$ " size fits wire diameter 0.750" - 1.400" and wire gauge not applicable
2000 = 2" size fits wire diameter 1.000" - 1.900" and wire gauge not applicable

Step 3: Choose Sleeve Width

150 = 1 $\frac{1}{2}$ " 2 = 2" 3 = 3" (only available in 1000, 1500, & 2000 diameter parts)

Step 4: Choose Your Color

Standard Colors for ZH and 2ZH

BK = Black
WT = White
YL = Yellow

Special Order Colors for 2ZH

BL = Blue OR = Orange
BR = Brown RD = Red
GR = Green VT = Violet
GY = Gray

Step 5 (optional): Choose Roll Size

Note: If small size is desired, indicate by inserting "S" into Roll Size blank.

If sleeve diameter is 094-187:
Standard = 2,500 Small ("S") = 500

If sleeve diameter is 250-375:
Standard = 1,000 Small ("S") = 250

If sleeve diameter is 500:
Standard = 500 Small ("S") = 250

If sleeve diameter is 750-1500:
Standard = 250 Small ("S") = 100
If sleeve diameter is 2000:
Standard = 100 Small ("S") = 50

Step 6 (optional): Choose Pieces Per Sleeve

While 1 marker per sleeve is standard, if desired, the sleeve can be split into multiple pieces. Insert number of pieces into "Pieces" blank.
Example: 2ZH-187-2-WT-S-4 This "4" means this 2.000" sleeve is slit into four 0.500" pieces

Available options: 2, 3, or 4 pieces.

Recommended Ribbon Series: R4300, R6400, R6600, 356126 Series

Recommended Printer Series: Bradyprinter™ PR Plus Printer, BBP®72 Double Sided Printer

Software Compatibility: LabelMark™ Labeling Software, CodeSoft™ 9 Labeling Software

See all benchtop printer ribbon parts on page 152 and full material descriptions on pages 164-170.

Approx. wire gauge based on AWG for THHN wire.

THT Labels: PermaSleeve® Wire Marking Sleeves

B-7641 PermaSleeve® ZH Low Halogen Polyolefin Wire Marking Sleeves:

Use the table below to browse all available single-sided printing, 1.5" width B-7641 PermaSleeve® ZH Low Halogen Polyolefin Wire Marking Sleeves or build your own part number on page 112.

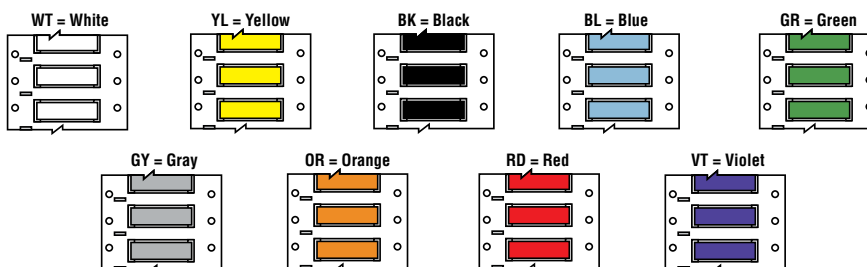
Single-Sided Printable, 1.5" Sleeve Width

Part Number	Sleeves Per Roll	Pieces Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm) Min. Max.	Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Printer	Rec. Ribbon
ZH-094-150-WT	2,500	2,500	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	.021 (0.5) ± .004 (0.1)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-094-150-WT-**	2,500	--	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	.021 (0.5) ± .004 (0.1)	--	PR Plus	R4300/ R6602
ZH-094-150-WT-S	500	500	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	.021 (0.5) ± .004 (0.1)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-094-150-YL	2,500	2,500	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	.021 (0.5) ± .004 (0.1)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-094-150-YL-**	2,500	--	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	.021 (0.5) ± .004 (0.1)	--	PR Plus	R4300/ R6602
ZH-094-150-YL-S	500	500	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	.021 (0.5) ± .004 (0.1)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-125-150-WT	2,500	2,500	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	.025 (0.6) ± .003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-125-150-WT-**	2,500	--	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	.025 (0.6) ± .003 (0.07)	--	PR Plus	R4300/ R6602
ZH-125-150-WT-S	500	500	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	.025 (0.6) ± .003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-125-150-YL	2,500	2,500	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	.025 (0.6) ± .003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-125-150-YL-**	2,500	--	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	.025 (0.6) ± .003 (0.07)	--	PR Plus	R4300/ R6602
ZH-125-150-YL-S	500	500	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	.025 (0.6) ± .003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-187-150-WT	2,500	2,500	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	.025 (0.6) ± .003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-187-150-WT-**	2,500	--	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	.025 (0.6) ± .003 (0.07)	--	PR Plus	R4300/ R6602
ZH-187-150-WT-S	500	500	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	.025 (0.6) ± .003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-187-150-YL	2,500	2,500	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	.025 (0.6) ± .003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-187-150-YL-**	2,500	--	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	.025 (0.6) ± .003 (0.07)	--	PR Plus	R4300/ R6602
ZH-187-150-YL-S	500	500	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	.025 (0.6) ± .003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-250-150-WT	1,000	1,000	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	.029 (0.7) ± .003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-250-150-WT-**	1,000	--	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	.029 (0.7) ± .003 (0.07)	--	PR Plus	R4300/ R6602
ZH-250-150-WT-S	250	250	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	.029 (0.7) ± .003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-250-150-YL	1,000	1,000	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	.029 (0.7) ± .003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-250-150-YL-**	1,000	--	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	.029 (0.7) ± .003 (0.07)	--	PR Plus	R4300/ R6602
ZH-250-150-YL-S	250	250	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	.029 (0.7) ± .003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602

B-7641 PermaSleeve® ZH Low Halogen Single-Sided 1.5" Width Wire Marking Sleeves continue on next page.

*Choosing Your PermaSleeve Color	
While white and yellow are standard colors, you may special order your sleeves in the colors listed below. Replace WT or YL with the abbreviation of the desired color. Example: ZH-094-150-WT-S becomes ZH-094-150-RD-S	
Standard Stock Colors: WT = White YL = Yellow	Special Order Colors: (Contact Brady Customer Service for availability) BK = Black GY = Gray RD = Red BL = Blue OR = Orange VT = Violet GR = Green

** Choosing Your PermaSleeve Pieces (optional):	
While 1 marker per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Replace the double asterisks (**) in the part number to fill in your desired pieces per marker. Example: ZH-187-150-WT-S-** becomes ZH-187-150-WT-S-4 This "4" means that this 2.000" sleeve is slit into four 0.500" pieces.	
Standard Option: 1 marker per sleeve	Other Available Slit Options: (Contact Brady Customer Service for availability) 2, 3 or 4 markers per sleeve



Note: White and yellow are standard stock. All other colors available as special order.

See all benchtop printer ribbon parts on page 152 and full material descriptions on pages 164-170.

Approx. wire gauge based on AWG for THHN wire.

1-800-782-1235 | www.HansenSupply.com

THT Labels: PermaSleeve® Wire Marking Sleeves

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B-7641 PermaSleeve® ZH Low Halogen Polyolefin Wire Marking Sleeves:

Single-Sided Printable, 1.5" Sleeve Width (Continued from previous page)

Part Number	Sleeves Per Roll	Pieces Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm)		Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Printer	Rec. Ribbon
				Min.	Max.						
ZH-375-150-WT	1,000	1,000	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	.028 (0.7) ± .002 (0.05)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-375-150-WT-**	1,000	--	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	.028 (0.7) ± .002 (0.05)	--	PR Plus	R4300/ R6602
ZH-375-150-WT-S	250	250	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	.028 (0.7) ± .002 (0.05)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-375-150-YL	1,000	1,000	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	.028 (0.7) ± .002 (0.05)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-375-150-YL-**	1,000	--	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	.028 (0.7) ± .002 (0.05)	--	PR Plus	R4300/ R6602
ZH-375-150-YL-S	250	250	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	.028 (0.7) ± .002 (0.05)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-500-150-WT	500	500	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	.028 (0.7) ± .002 (0.05)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-500-150-WT-**	500	--	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	.028 (0.7) ± .002 (0.05)	--	PR Plus	R4300/ R6602
ZH-500-150-WT-S	250	250	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	.028 (0.7) ± .002 (0.05)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-500-150-YL	500	500	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	.028 (0.7) ± .002 (0.05)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-500-150-YL-**	500	--	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	.028 (0.7) ± .002 (0.05)	--	PR Plus	R4300/ R6602
ZH-500-150-YL-S	250	250	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	.028 (0.7) ± .002 (0.05)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-750-150-WT	250	250	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.375 (9.5)	.031 (0.8) ± .003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-750-150-WT-**	250	--	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.375 (9.5)	.031 (0.8) ± .003 (0.07)	--	PR Plus	R4300/ R6602
ZH-750-150-WT-S	100	100	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.375 (9.5)	.031 (0.8) ± .003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-750-150-YL	250	250	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.375 (9.5)	.031 (0.8) ± .003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-750-150-YL-**	250	--	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.375 (9.5)	.031 (0.8) ± .003 (0.07)	--	PR Plus	R4300/ R6602
ZH-750-150-YL-S	100	100	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.375 (9.5)	.031 (0.8) ± .003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-1000-150-WT	250	250	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	.036 (0.9) ± .003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-1000-150-WT-**	250	--	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	.036 (0.9) ± .003 (0.07)	--	PR Plus	R4300/ R6602
ZH-1000-150-WT-S	100	100	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	.036 (0.9) ± .003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-1000-150-YL	250	250	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	.036 (0.9) ± .003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-1000-150-YL-**	250	--	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	.036 (0.9) ± .003 (0.07)	--	PR Plus	R4300/ R6602
ZH-1000-150-YL-S	100	100	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	.036 (0.9) ± .003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-1500-150-WT	250	250	N/A	0.750 (19.0)	1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	.038 (1.0) ± .003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-1500-150-WT-S	100	100	N/A	0.750 (19.0)	1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	.038 (1.0) ± .003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-1500-150-YL	250	250	N/A	0.750 (19.0)	1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	.038 (1.0) ± .003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-1500-150-YL-S	100	100	N/A	0.750 (19.0)	1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	.038 (1.0) ± .003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-2000-150-WT	100	100	N/A	1.000 (25.4)	1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	.038 (1.0) ± .003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-2000-150-WT-S	50	50	N/A	1.000 (25.4)	1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	.038 (1.0) ± .003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-2000-150-YL	100	100	N/A	1.000 (25.4)	1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	.038 (1.0) ± .003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
ZH-2000-150-YL-S	50	50	N/A	1.000 (25.4)	1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	.038 (1.0) ± .003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602

*Choosing Your PermaSleeve Color

While white and yellow are standard colors, you may special order your sleeves in the colors listed below. Replace WT or YL with the abbreviation of the desired color.

Example: ZH-094-150-WT-S becomes ZH-094-150-RD-S

Standard Stock Colors:

WT = White
YL = Yellow

Special Order Colors:

(Contact Brady Customer Service for availability)

BK = Black GY = Gray RD = Red
BL = Blue OR = Orange VT = Violet
GR = Green

** Choosing Your PermaSleeve Pieces (optional):

While 1 marker per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Replace the double asterisks (**) in the part number to fill in your desired pieces per marker.

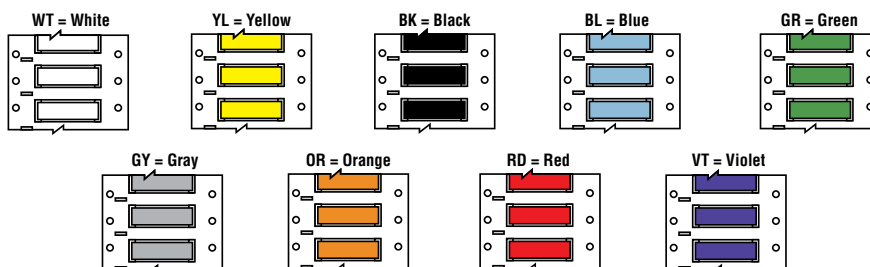
Example: ZH-187-150-WT-S-** becomes ZH-187-150-WT-S-4
This "4" means that this 2.000" sleeve is slit into four 0.500" pieces.

Standard Option:

1 marker per sleeve

Other Available Slit Options:

(Contact Brady Customer Service for availability)
2, 3 or 4 markers per sleeve



Note: White and yellow are standard stock. All other colors available as special order.

See all benchtop printer ribbon parts on page 152 and full material descriptions on pages 164-170.

Approx. wire gauge based on AWG for THHN wire.

THT Labels: PermaSleeve® Wire Marking Sleeves

B-7641 PermaSleeve® ZH Low Halogen Polyolefin Wire Marking Sleeves:

Use the table below to browse all available single-sided printing, 2" width B-7641 PermaSleeve® ZH Low Halogen Polyolefin Wire Marking Sleeves or build your own part number on page 112.

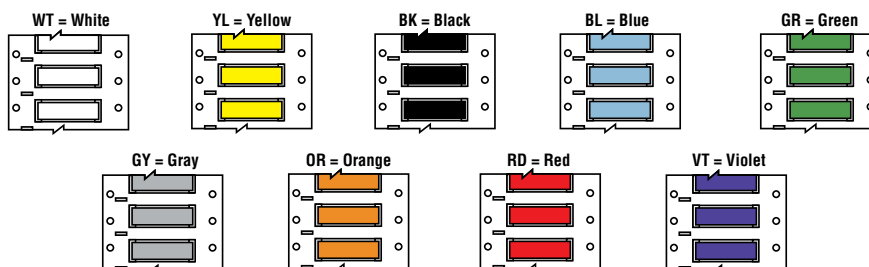
Single-Sided Printable, 2" Sleeve Width

Part Number	Sleeves Per Roll	Pieces Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm) Min. Max.	Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Printer	Rec. Ribbon
ZH-094-2-WT	2,500	2,500	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	.021 (0.5) ± .004 (0.1)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-094-2-WT-**	2,500	--	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	.021 (0.5) ± .004 (0.1)	--	PR Plus	R4300/ R6602
ZH-094-2-WT-S	500	500	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	.021 (0.5) ± .004 (0.1)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-094-2-YL	2,500	2,500	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	.021 (0.5) ± .004 (0.1)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-094-2-YL-**	2,500	--	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	.021 (0.5) ± .004 (0.1)	--	PR Plus	R4300/ R6602
ZH-094-2-YL-S	500	500	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	.021 (0.5) ± .004 (0.1)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-125-2-WT	2,500	2,500	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-125-2-WT-**	2,500	--	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	.025 (0.6) ± .003 (0.07)	--	PR Plus	R4300/ R6602
ZH-125-2-WT-S	500	500	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-125-2-YL	2,500	2,500	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-125-2-YL-**	2,500	--	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	.025 (0.6) ± .003 (0.07)	--	PR Plus	R4300/ R6602
ZH-125-2-YL-S	500	500	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-187-2-WT	2,500	2,500	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-187-2-WT-**	2,500	--	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	.025 (0.6) ± .003 (0.07)	--	PR Plus	R4300/ R6602
ZH-187-2-WT-S	500	500	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-187-2-YL	2,500	2,500	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-187-2-YL-**	2,500	--	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	.025 (0.6) ± .003 (0.07)	--	PR Plus	R4300/ R6602
ZH-187-2-YL-S	500	500	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-250-2-WT	1,000	1,000	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	.029 (0.7) ± .003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-250-2-WT-**	1,000	--	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	.029 (0.7) ± .003 (0.07)	--	PR Plus	R4300/ R6602
ZH-250-2-WT-S	250	250	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	.029 (0.7) ± .003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-250-2-YL	1,000	1,000	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	.029 (0.7) ± .003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-250-2-YL-**	1,000	--	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	.029 (0.7) ± .003 (0.07)	--	PR Plus	R4300/ R6602
ZH-250-2-YL-S	250	250	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	.029 (0.7) ± .003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602

B-7641 PermaSleeve® ZH Low Halogen Single-Sided 2" Width Wire Marking Sleeves continue on next page.

*Choosing Your PermaSleeve Color	
While white and yellow are standard colors, you may special order your sleeves in the colors listed below. Replace WT or YL with the abbreviation of the desired color. Example: ZH-094-2-WT-S becomes ZH-094-2-RD-S	
Standard Stock Colors: WT = White YL = Yellow	Special Order Colors: (Contact Brady Customer Service for availability) BK = Black GY = Gray RD = Red BL = Blue OR = Orange VT = Violet GR = Green

** Choosing Your PermaSleeve Pieces (optional):	
While 1 marker per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Replace the double asterisks (**) in the part number to fill in your desired pieces per marker. Example: ZH-187-2-WT-S-** becomes ZH-187-2-WT-S-4 This "4" means that this 2.000" sleeve is slit into four 0.500" pieces.	
Standard Options: 1 marker per sleeve	Other Available Slit Options: (Contact Brady Customer Service for availability) 2, 3 or 4 markers per sleeve



Note: White and yellow are standard stock. All other colors available as special order.

See all benchtop printer ribbon parts on page 152 and full material descriptions on pages 164-170.

Approx. wire gauge based on AWG for THHN wire.

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THT Labels: PermaSleeve® Wire Marking Sleeves

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B-7641 PermaSleeve® ZH Low Halogen Polyolefin Wire Marking Sleeves:

Single-Sided Printable, 2" Sleeve Width (Continued from previous page)

Part Number	Sleeves Per Roll	Pieces Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm) Min. Max.	Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Printer	Rec. Ribbon
ZH-375-2-WT	1,000	1,000	8 to 4	0.188 (4.8) - 0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	.028 (0.7) ± .002 (0.05)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-375-2-WT-*	1,000	--	8 to 4	0.188 (4.8) - 0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	.028 (0.7) ± .002 (0.05)	--	PR Plus	R4300/ R6602
ZH-375-2-WT-S	250	250	8 to 4	0.188 (4.8) - 0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	.028 (0.7) ± .002 (0.05)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-375-2-YL	1,000	1,000	8 to 4	0.188 (4.8) - 0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	.028 (0.7) ± .002 (0.05)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-375-2-YL-*	1,000	--	8 to 4	0.188 (4.8) - 0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	.028 (0.7) ± .002 (0.05)	--	PR Plus	R4300/ R6602
ZH-375-2-YL-S	250	250	8 to 4	0.188 (4.8) - 0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	.028 (0.7) ± .002 (0.05)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-500-2-WT	500	500	6 to 1	0.250 (6.4) - 0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	.028 (0.7) ± .002 (0.05)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-500-2-WT-*	500	--	6 to 1	0.250 (6.4) - 0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	.028 (0.7) ± .002 (0.05)	--	PR Plus	R4300/ R6602
ZH-500-2-WT-S	250	250	6 to 1	0.250 (6.4) - 0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	.028 (0.7) ± .002 (0.05)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-500-2-YL	500	500	6 to 1	0.250 (6.4) - 0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	.028 (0.7) ± .002 (0.05)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-500-2-YL-*	500	--	6 to 1	0.250 (6.4) - 0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	.028 (0.7) ± .002 (0.05)	--	PR Plus	R4300/ R6602
ZH-500-2-YL-S	250	250	6 to 1	0.250 (6.4) - 0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	.028 (0.7) ± .002 (0.05)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-750-2-WT	250	250	2 to 4/0	0.375 (9.5) - 0.700 (17.8)	0.750 (19.0)	0.375 (9.5)	.031 (0.8) ± .003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-750-2-WT-*	250	--	2 to 4/0	0.375 (9.5) - 0.700 (17.8)	0.750 (19.0)	0.375 (9.5)	.031 (0.8) ± .003 (0.07)	--	PR Plus	R4300/ R6602
ZH-750-2-WT-S	100	100	2 to 4/0	0.375 (9.5) - 0.700 (17.8)	0.750 (19.0)	0.375 (9.5)	.031 (0.8) ± .003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-750-2-YL	250	250	2 to 4/0	0.375 (9.5) - 0.700 (17.8)	0.750 (19.0)	0.375 (9.5)	.031 (0.8) ± .003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-750-2-YL-*	250	--	2 to 4/0	0.375 (9.5) - 0.700 (17.8)	0.750 (19.0)	0.375 (9.5)	.031 (0.8) ± .003 (0.07)	--	PR Plus	R4300/ R6602
ZH-750-2-YL-S	100	100	2 to 4/0	0.375 (9.5) - 0.700 (17.8)	0.750 (19.0)	0.375 (9.5)	.031 (0.8) ± .003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-1000-2-WT	250	250	2/0 to 0.950" dia.	0.450 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	.036 (0.9) ± .003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-1000-2-WT-*	250	--	2/0 to 0.950" dia.	0.450 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	.036 (0.9) ± .003 (0.07)	--	PR Plus	R4300/ R6602
ZH-1000-2-WT-S	100	100	2/0 to 0.950" dia.	0.450 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	.036 (0.9) ± .003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-1000-2-YL	250	250	2/0 to 0.950" dia.	0.450 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	.036 (0.9) ± .003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-1000-2-YL-*	250	--	2/0 to 0.950" dia.	0.450 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	.036 (0.9) ± .003 (0.07)	--	PR Plus	R4300/ R6602
ZH-1000-2-YL-S	100	100	2/0 to 0.950" dia.	0.450 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	.036 (0.9) ± .003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-1500-2-WT	250	250	N/A	0.750 (19.0) - 1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	.038 (1.0) ± .003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-1500-2-WT-S	100	100	N/A	0.750 (19.0) - 1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	.038 (1.0) ± .003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-1500-2-YL	250	250	N/A	0.750 (19.0) - 1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	.038 (1.0) ± .003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-1500-2-YL-S	100	100	N/A	0.750 (19.0) - 1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	.038 (1.0) ± .003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-2000-2-WT	100	100	N/A	1.000 (25.4) - 1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	.038 (1.0) ± .003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-2000-2-WT-S	50	50	N/A	1.000 (25.4) - 1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	.038 (1.0) ± .003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-2000-2-YL	100	100	N/A	1.000 (25.4) - 1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	.038 (1.0) ± .003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
ZH-2000-2-YL-S	50	50	N/A	1.000 (25.4) - 1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	.038 (1.0) ± .003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602

*Choosing Your PermaSleeve Color

While white and yellow are standard colors, you may special order your sleeves in the colors listed below. Replace WT or YL with the abbreviation of the desired color.

Example: ZH-094-2-WT-S becomes ZH-094-2-RD-S

Standard Stock Colors:

WT = White
YL = Yellow

Special Order Colors:

(Contact Brady Customer Service for availability)

BK = Black GY = Gray RD = Red
BL = Blue OR = Orange VT = Violet
GR = Green

** Choosing Your PermaSleeve Pieces (optional):

While 1 marker per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Replace the double asterisks (**) in the part number to fill in your desired pieces per marker.

Example: ZH-187-2-WT-S-** becomes ZH-187-2-WT-S-4

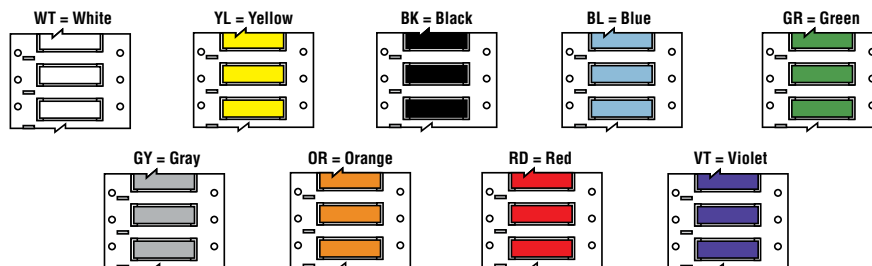
This "4" means that this 2.000" sleeve is slit into four 0.500" pieces.

Standard Option:

1 marker per sleeve

Other Available Slit Options:

(Contact Brady Customer Service for availability)
2, 3 or 4 markers per sleeve



Note: White and yellow are standard stock. All other colors available as special order.

See all benchtop printer ribbon parts on page 152 and full material descriptions on pages 164-170.

Approx. wire gauge based on AWG for THHN wire.

THT Labels: PermaSleeve® Wire Marking Sleeves

B-7641 PermaSleeve® 2ZH Low Halogen Polyolefin Wire Marking Sleeves:

Use the table below to browse all available double-sided printing, 2" width B-7641 PermaSleeve® 2ZH Low Halogen Polyolefin Wire Marking Sleeves or build your own part number on page 112.

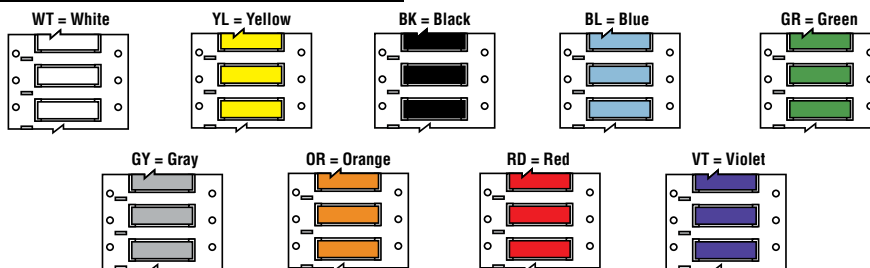
Double-Sided Printable, 2" Sleeve Width

Part Number	Sleeves Per Roll	Pieces Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm) Min. Max.	Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Printer	Rec. Ribbon
2ZH-094-2-WT	2,500	2,500	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	.021 (0.5) ± .004 (0.1)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-094-2-WT-**	2,500	--	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	.021 (0.5) ± .004 (0.1)	--	PR Plus, BBP72	R4300/ R6602
2ZH-094-2-WT-S	500	500	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	.021 (0.5) ± .004 (0.1)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-094-2-YL	2,500	2,500	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	.021 (0.5) ± .004 (0.1)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-094-2-YL-**	2,500	--	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	.021 (0.5) ± .004 (0.1)	--	PR Plus, BBP72	R4300/ R6602
2ZH-094-2-YL-S	500	500	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	.021 (0.5) ± .004 (0.1)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-125-2-WT	2,500	2,500	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-125-2-WT-**	2,500	--	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	.025 (0.6) ± .003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2ZH-125-2-WT-S	500	500	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-125-2-YL	2,500	2,500	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-125-2-YL-**	2,500	--	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	.025 (0.6) ± .003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2ZH-125-2-YL-S	500	500	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-187-2-WT	2,500	2,500	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-187-2-WT-**	2,500	--	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	.025 (0.6) ± .003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2ZH-187-2-WT-S	500	500	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-187-2-YL	2,500	2,500	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-187-2-YL-**	2,500	--	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	.025 (0.6) ± .003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2ZH-187-2-YL-S	500	500	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-250-2-WT	1,000	1,000	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	.029 (0.7) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-250-2-WT-**	1,000	--	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	.029 (0.7) ± .003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2ZH-250-2-WT-S	250	250	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	.029 (0.7) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-250-2-YL	1,000	1,000	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	.029 (0.7) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-250-2-YL-**	1,000	--	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	.029 (0.7) ± .003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2ZH-250-2-YL-S	250	250	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	.029 (0.7) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-375-2-WT	1,000	1,000	8 to 4	0.188 (4.8) - 0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	.028 (0.7) ± .002 (0.05)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-375-2-WT-**	1,000	--	8 to 4	0.188 (4.8) - 0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	.028 (0.7) ± .002 (0.05)	--	PR Plus, BBP72	R4300/ R6602
2ZH-375-2-WT-S	250	250	8 to 4	0.188 (4.8) - 0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	.028 (0.7) ± .002 (0.05)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-375-2-YL	1,000	1,000	8 to 4	0.188 (4.8) - 0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	.028 (0.7) ± .002 (0.05)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-375-2-YL-**	1,000	--	8 to 4	0.188 (4.8) - 0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	.028 (0.7) ± .002 (0.05)	--	PR Plus, BBP72	R4300/ R6602
2ZH-375-2-YL-S	250	250	8 to 4	0.188 (4.8) - 0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	.028 (0.7) ± .002 (0.05)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602

B-7641 PermaSleeve® ZH Low Halogen Single-Sided 2" Width Wire Marking Sleeves continue on next page.

*Choosing Your PermaSleeve Color	
While white and yellow are standard colors, you may special order your sleeves in the colors listed below. Replace WT or YL with the abbreviation of the desired color. Example: 2ZH-094-2-WT-S becomes 2ZH-094-2-RD-S	
Standard Stock Colors: WT = White YL = Yellow	Special Order Colors: (Contact Brady Customer Service for availability) BK = Black GY = Gray RD = Red BL = Blue OR = Orange VT = Violet GR = Green

** Choosing Your PermaSleeve Pieces (optional):	
While 1 marker per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Replace the double asterisks (**) in the part number to fill in your desired pieces per marker. Example: 2ZH-187-2-WT-S-** becomes 2ZH-187-2-WT-S-4 This "4" means that this 2.000" sleeve is slit into four 0.500" pieces.	
Standard Option: 1 marker per sleeve	Other Available Slit Options: (Contact Brady Customer Service for availability) 2, 3 or 4 markers per sleeve



Note: White and yellow are standard stock. All other colors available as special order.

See all benchtop printer ribbon parts on page 152 and full material descriptions on pages 164-170.

Approx. wire gauge based on AWG for THHN wire.

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THT Labels: PermaSleeve® Wire Marking Sleeves

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B-7641 PermaSleeve® 2ZH Low Halogen Polyolefin Wire Marking Sleeves:

Double-Sided Printable, 2" Sleeve Width (Continued from previous page.)

Part Number	Sleeves Per Roll	Pieces Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm) Min. Max.		Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Printer	Rec. Ribbon
2ZH-500-2-WT	500	500	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	.028 (0.7) ± .002 (0.05)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-500-2-WT-*	500	--	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	.028 (0.7) ± .002 (0.05)	--	PR Plus, BBP72	R4300/ R6602
2ZH-500-2-WT-S	250	250	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	.028 (0.7) ± .002 (0.05)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-500-2-YL	500	500	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	.028 (0.7) ± .002 (0.05)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-500-2-YL-*	500	--	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	.028 (0.7) ± .002 (0.05)	--	PR Plus, BBP72	R4300/ R6602
2ZH-500-2-YL-S	250	250	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	.028 (0.7) ± .002 (0.05)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-750-2-WT	250	250	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.375 (9.5)	.031 (0.8) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-750-2-WT-*	250	--	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.375 (9.5)	.031 (0.8) ± .003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2ZH-750-2-WT-S	100	100	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.375 (9.5)	.031 (0.8) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-750-2-YL	250	250	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.375 (9.5)	.031 (0.8) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-750-2-YL-*	250	--	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.375 (9.5)	.031 (0.8) ± .003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2ZH-750-2-YL-S	100	100	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.375 (9.5)	.031 (0.8) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-1000-2-WT	250	250	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	.036 (0.9) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-1000-2-WT-*	250	--	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	.036 (0.9) ± .003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2ZH-1000-2-WT-S	100	100	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	.036 (0.9) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-1000-2-YL	250	250	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	.036 (0.9) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-1000-2-YL-*	250	--	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	.036 (0.9) ± .003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2ZH-1000-2-YL-S	100	100	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	.036 (0.9) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-1500-2-WT	250	250	N/A	0.750 (19.0)	1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	.038 (1.0) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-1500-2-WT-S	100	100	N/A	0.750 (19.0)	1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	.038 (1.0) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-1500-2-YL	250	250	N/A	0.750 (19.0)	1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	.038 (1.0) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-1500-2-YL-S	100	100	N/A	0.750 (19.0)	1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	.038 (1.0) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-2000-2-WT	100	100	N/A	1.000 (25.4)	1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	.038 (1.0) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-2000-2-WT-S	50	50	N/A	1.000 (25.4)	1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	.038 (1.0) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-2000-2-YL	100	100	N/A	1.000 (25.4)	1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	.038 (1.0) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2ZH-2000-2-YL-S	50	50	N/A	1.000 (25.4)	1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	.038 (1.0) ± .003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602

*Choosing Your PermaSleeve Color

While white and yellow are standard colors, you may special order your sleeves in the colors listed below. Replace WT or YL with the abbreviation of the desired color.

Example: 2ZH-094-2-WT-S becomes 2ZH-094-2-RD-S

Standard Stock Colors:

WT = White
YL = Yellow

Special Order Colors:

(Contact Brady Customer Service for availability)

BK = Black GY = Gray RD = Red
BL = Blue OR = Orange VT = Violet
GR = Green

** Choosing Your PermaSleeve Pieces (optional):

While 1 marker per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Replace the double asterisks (**) in the part number to fill in your desired pieces per marker.

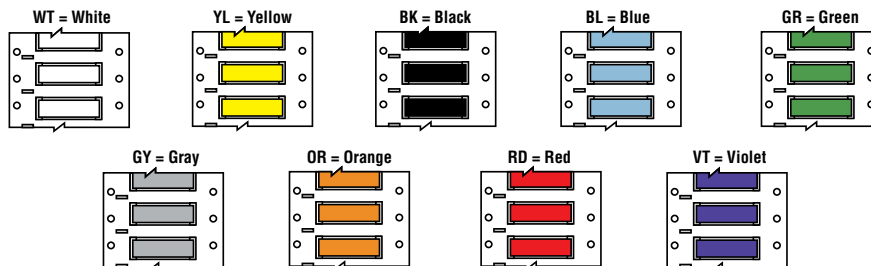
Example: 2ZH-187-2-WT-S-** becomes 2ZH-187-2-WT-S-4
This "4" means that this 2.000" sleeve is slit into four 0.500" pieces.

Standard Option:

1 marker per sleeve

Other Available Slit Options:

(Contact Brady Customer Service for availability)
2, 3 or 4 markers per sleeve



Note: White and yellow are standard stock. All other colors available as special order.

See all benchtop printer ribbon parts on page 152 and full material descriptions on pages 164-170.

Approx. wire gauge based on AWG for THHN wire.

THT Labels: PermaSleeve® Wire Marking Sleeves

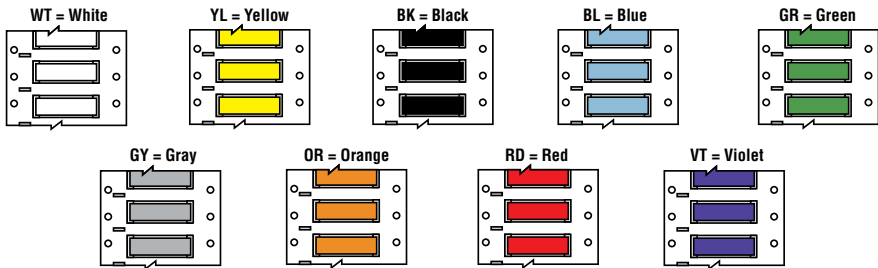
B-7641 PermaSleeve® ZH Low Halogen Polyolefin Wire Marking Sleeves:

Use the table below to browse all available single-sided printing 3" width B-7641 PermaSleeve® ZH Low Halogen Polyolefin Wire Marking Sleeves or build your own part number on page 112.

Single-Sided Printable, 3" Sleeve Width

Part Number	Sleeves Per Roll	Pieces Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm) Min. Max.	Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Printer	Rec. Ribbon
ZH-1000-3-WT	250	250	2/0 to 0.950" dia.	0.450 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	.036 (0.9) ± .003 (0.07)	3.000 (76.2)	PR Plus	R4300/ R6602
ZH-1000-3-YL	250	250	2/0 to 0.950" dia.	0.450 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	.036 (0.9) ± .003 (0.07)	3.000 (76.2)	PR Plus	R4300/ R6602
ZH-1500-3-WT	250	250	N/A	0.750 (19.0) - 1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	.038 (1.0) ± .003 (0.07)	3.000 (76.2)	PR Plus	R4300/ R6602
ZH-1500-3-YL	250	250	N/A	0.750 (19.0) - 1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	.038 (1.0) ± .003 (0.07)	3.000 (76.2)	PR Plus	R4300/ R6602
ZH-2000-3-WT	100	100	N/A	1.000 (25.4) - 1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	.038 (1.0) ± .003 (0.07)	3.000 (76.2)	PR Plus	R4300/ R6602
ZH-2000-3-YL	100	100	N/A	1.000 (25.4) - 1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	.038 (1.0) ± .003 (0.07)	3.000 (76.2)	PR Plus	R4300/ R6602

*Choosing Your PermaSleeve Color	
While white and yellow are standard colors, you may special order your sleeves in the colors listed below. Replace WT or YL with the abbreviation of the desired color. Example: ZH-1000-3-WT becomes ZH-1000-3-RD	
Standard Stock Colors: WT = White YL = Yellow	Special Order Colors: (Contact Brady Customer Service for availability) BK = Black GY = Gray RD = Red BL = Blue OR = Orange VT = Violet GR = Green



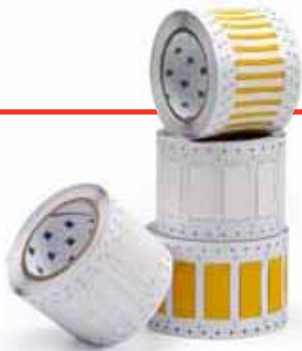
Note: White and yellow are standard stock. All other colors available as special order.



Don't See What You Need?

Build your own B-7641 PermaSleeve® ZH Wire Marking Sleeves using the guide on page 112. Quickly and easily designate your product, diameter, color and more to get the perfect PermaSleeve Wire Marking Sleeve for your application.

Or contact Brady Customer Service to help you find the correct PermaSleeve® Wire Marking Sleeve for your job.



See all benchtop printer ribbon parts on page 152 and full material descriptions on pages 164-170.

Approx. wire gauge based on AWG for THHN wire.

THT Labels: PermaSleeve® Wire Marking Sleeves

www.HansenSupply.com

B-7642 PermaSleeve® HX Polyolefin Wire Marking Sleeves

B-7642 PermaSleeve® HX Polyolefin Wire Marking Sleeves are 2:1 heat shrinkable wire marking sleeves. The sleeves are high-temperature rated, highly flame retardant, and very flexible.

These heat shrinkable wire marking sleeves meet the following industry specifications:

- SAE-AMS-DTL-23053/5 Class 1 & 3
- SAE-AS-81531
- MIL-STD-202
- RoHS compliant

Tested per:

- ASTM E162
- ASTM E662



Find Your PermaSleeve Part Number:

Assemble Your Own B-7642 PermaSleeve HX Wire Marking Sleeve part number below, or view all available part numbers on the following pages.

Quickly Assemble Your Own Part Number:

Follow the steps below to assemble the B-7642 PermaSleeve® HX Wire Marking Sleeve part number that meets your needs.

Example Part Number:

2HX - 187 - 2 - WT - S - 4
Product Diameter Width Color Roll Size Pieces
Optional*

Create your own:

Product Diameter Width Color Roll Size Pieces

Available options for B-7642 PermaSleeve® HX Wire Marking Sleeve:

Step 1: Choose Product Type
HX = Single Sided Printing, B-7642
2HX = Double Sided Printing, B-7642

Step 2: Choose Diameter
094 = 3/32" size fits wire diameter 0.047" - 0.080" and approx. wire gauge 24 to 20
125 = 1/8" size fits wire diameter 0.062" - 0.110" and approx. wire gauge 20 to 16
187 = 3/16" size fits wire diameter 0.094" - 0.151" and approx. wire gauge 16 to 10
250 = 1/4" size fits wire diameter 0.125" - 0.215" and approx. wire gauge 12 to 8
375 = 3/8" size fits wire diameter 0.188" - 0.320" and approx. wire gauge 8 to 4
500 = 1/2" size fits wire diameter 0.250" - 0.450" and approx. wire gauge 6 to 1
750 = 3/4" size fits wire diameter 0.375" - 0.700" and approx. wire gauge 2 to 4/0
1000 = 1" size fits wire dia. 0.450" - 0.950" and approx. wire gauge 2/0 to 0.950" dia.
1500 = 1 1/2" size fits wire diameter 0.750" - 1.400" and wire gauge not applicable
2000 = 2" size fits wire diameter 1.000" - 1.900" and wire gauge not applicable

Step 3: Choose Sleeve Width
150 = 1 1/2"
2 = 2"
3 = 3" (only available in 1000, 1500, & 2000 diameter parts)

Step 4: Choose Your Color
Standard Colors for HX and 2HX
BL = Black WT = White YL = Yellow
Special Order Colors for 2HX
BR = Blue GR = Green OR = Orange RD = Red
BR = Brown GY = Gray PK = Pink VT = Violet

Step 5 (optional): Choose Roll Size
Note: If small or jumbo size is desired, indicate by inserting "S" or "J" into Roll Size blank.
If sleeve diameter is 094-187: Standard = 2,500 Small ("S") = 500 Jumbo ("J") = 10,000
If sleeve diameter is 500: Standard = 500 Small ("S") = 250 Jumbo ("J") = 2,500
If sleeve diameter is 250: Standard = 1,000 Small ("S") = 250 Jumbo ("J") = 7,500
If sleeve diameter is 750-1000: Standard = 250 Small ("S") = 100 Jumbo ("J") = 2,500
If sleeve diameter is 1500: Standard = 250 Small ("S") = 100 Jumbo ("J") = 1,000
If sleeve diameter is 2000: Standard = 100 Small ("S") = 50 Jumbo ("J") = 1,000

Step 6 (optional): Choose Pieces Per Sleeve
While 1 marker per sleeve is standard, if desired, the sleeve can be split into multiple pieces. Insert number of pieces into "Pieces" blank.
Example: 2HX-187-2-WT-S-4 This "4" means this 2.000" sleeve is slit into four 0.500" pieces
Available options: 2, 3, or 4 pieces.

Recommended Ribbon Series: R4300, R6400, R6600, 356126 Series

Recommended Printer Series: Bradyprinter™ PR Plus Printer, BBP®72 Double Sided Printer

Software Compatibility: LabelMark™ Labeling Software, CodeSoft™ 9 Labeling Software

See all benchtop printer ribbon parts on page 152 and full material descriptions on pages 164-170.

Approx. wire gauge based on AWG for THHN wire.

THT Labels: PermaSleeve® Wire Marking Sleeves

B-7642 PermaSleeve® HX Polyolefin Wire Marking Sleeves:

Use the table below to browse all available single-sided printing, 1.5" width B-7642 PermaSleeve® HX Polyolefin Wire Marking Sleeves or build your own part number on page 120.

Single-Sided Printable, 1.5" Sleeve Width

Part Number	Sleeves Per Roll	Pieces Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm) Min. Max.	Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Printer	Rec. Ribbon
HX-094-150-WT	2,500	2,500	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-094-150-WT-**	2,500	--	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-094-150-*	2,500	2,500	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-094-150-*-**	2,500	--	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-094-150-WT-S	500	500	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-094-150-*S	500	500	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-094-150-WT-J	10,000	10,000	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-094-150-WT-J-**	10,000	--	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-094-150-*J	10,000	10,000	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-094-150-*J-**	10,000	--	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-125-150-WT	2,500	2,500	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-125-150-WT-**	2,500	--	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-125-150-*	2,500	2,500	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-125-150-*-**	2,500	--	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-125-150-WT-S	500	500	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-125-150-*S	500	500	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-125-150-WT-J	10,000	10,000	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-125-150-WT-J-**	10,000	--	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-125-150-*J	10,000	10,000	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-125-150-*J-**	10,000	--	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-187-150-WT	2,500	2,500	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-187-150-WT-**	2,500	--	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-187-150-*	2,500	2,500	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-187-150-*-**	2,500	--	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-187-150-WT-S	500	500	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-187-150-*S	500	500	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-187-150-WT-J	10,000	10,000	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-187-150-WT-J-**	10,000	--	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-187-150-*J	10,000	10,000	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-187-150-*J-**	10,000	--	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602

B-7642 PermaSleeve® HX Polyolefin Single-Sided 1.5" Width Wire Marking Sleeves continue on next page.

*Choosing Your PermaSleeve Color

While white, yellow and black are standard colors, you may special order your sleeves in the colors listed below. Replace WT or YL with the abbreviation of the desired color.

Example: HX-094-150-WT-4 becomes HX-094-150-RD-4

Standard Stock Colors:

WT = White
YL = Yellow
BK = Black

Special Order Colors:

(Contact Brady Customer Service for availability)

BK = Black GY = Gray RD = Red
BL = Blue OR = Orange VT = Violet
GR = Green

** Choosing Your PermaSleeve Pieces (optional):

While 1 marker per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Replace the double asterisks (**) in the part number to fill in your desired pieces per marker.

Example: HX-187-150-WT-** becomes HX-187-150-WT-4

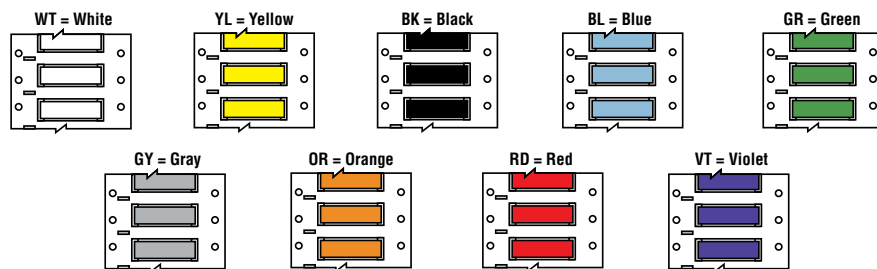
This "4" means that this 2,000" sleeve is slit into four 0.500" pieces.

Standard Option:

1 marker per sleeve

Other Available Slit Options:

2, 3 or 4 markers per sleeve



Note: White, yellow and black are standard. All other colors available as special order.

See all benchtop printer ribbon parts on page 152 and full material descriptions on pages 164-170.

Approx. wire gauge based on AWG for THHN wire.

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THT Labels: PermaSleeve® Wire Marking Sleeves

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B-7642 PermaSleeve® HX Polyolefin Wire Marking Sleeves:

Single-Sided Printable, 1.5" Sleeve Width (Continued from previous page)

Part Number	Sleeves Per Roll	Pieces Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm) Min. Max.	Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Printer	Rec. Ribbon
HX-250-150-WT	1,000	1,000	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-250-150-WT-**	1,000	--	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-250-150-*	1,000	1,000	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-250-150-*-**	1,000	--	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-250-150-WT-S	250	250	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-250-150-*S	250	250	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-250-150-WT-J	7,500	7,500	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-250-150-WT-J-**	7,500	--	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-250-150-*J	7,500	7,500	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-250-150-*J-**	7,500	--	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-375-150-WT	1,000	1,000	8 to 4	0.188 (4.8) - 0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-375-150-WT-**	1,000	--	8 to 4	0.188 (4.8) - 0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-375-150-*	1,000	1,000	8 to 4	0.188 (4.8) - 0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-375-150-*-**	1,000	--	8 to 4	0.188 (4.8) - 0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-375-150-WT-S	250	250	8 to 4	0.188 (4.8) - 0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-375-150-*S	250	250	8 to 4	0.188 (4.8) - 0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-375-150-WT-J	2,500	2,500	8 to 4	0.188 (4.8) - 0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-375-150-WT-J-**	2,500	--	8 to 4	0.188 (4.8) - 0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-375-150-*J	2,500	2,500	8 to 4	0.188 (4.8) - 0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-375-150-*J-**	2,500	--	8 to 4	0.188 (4.8) - 0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-500-150-WT	500	500	6 to 1	0.250 (6.4) - 0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-500-150-WT-**	500	--	6 to 1	0.250 (6.4) - 0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-500-150-*	500	500	6 to 1	0.250 (6.4) - 0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-500-150-*-**	500	--	6 to 1	0.250 (6.4) - 0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-500-150-WT-S	250	250	6 to 1	0.250 (6.4) - 0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-500-150-*S	250	250	6 to 1	0.250 (6.4) - 0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-500-150-WT-J	2,500	2,500	6 to 1	0.250 (6.4) - 0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-500-150-WT-J-**	2,500	--	6 to 1	0.250 (6.4) - 0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-500-150-*J	2,500	2,500	6 to 1	0.250 (6.4) - 0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-500-150-*J-**	2,500	--	6 to 1	0.250 (6.4) - 0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602

B-7642 PermaSleeve® HX Polyolefin Single-Sided 1.5" Width Wire Marking Sleeves continue on next page.

*Choosing Your PermaSleeve Color

While white, yellow and black are standard colors, you may special order your sleeves in the colors listed below. Replace WT or YL with the abbreviation of the desired color.

Example: HX-094-150-WT-4 becomes HX-094-150-RD-4

Standard Stock Colors:

WT = White
YL = Yellow
BK = Black

Special Order Colors:

(Contact Brady Customer Service for availability)

BK = Black GY = Gray RD = Red
BL = Blue OR = Orange VT = Violet
GR = Green

** Choosing Your PermaSleeve Pieces (optional):

While 1 marker per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Replace the double asterisks (**) in the part number to fill in your desired pieces per marker.

Example: HX-187-150-WT-** becomes HX-187-150-WT-4

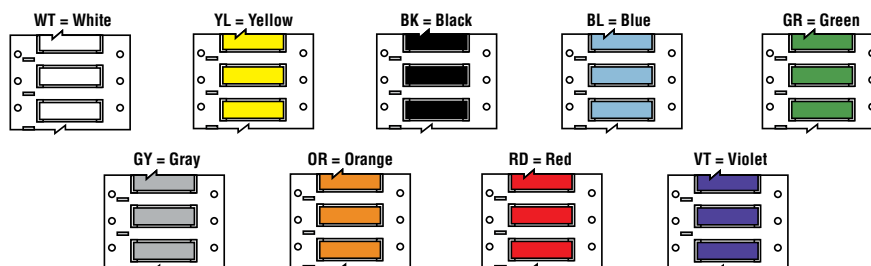
This "4" means that this 2.000" sleeve is slit into four 0.500" pieces.

Standard Option:

1 marker per sleeve

Other Available Slit Options:

2, 3 or 4 markers per sleeve



Note: White, yellow and black are standard. All other colors available as special order.

See all benchtop printer ribbon parts on page 152 and full material descriptions on pages 164-170.

Approx. wire gauge based on AWG for THHN wire.

THT Labels: PermaSleeve® Wire Marking Sleeves

B-7642 PermaSleeve® HX Polyolefin Wire Marking Sleeves:

Single-Sided Printable, 1.5" Sleeve Width (Continued from previous page)

Part Number	Sleeves Per Roll	Pieces Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm) Min. Max.	Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Printer	Rec. Ribbon
HX-750-150-WT	250	250	2 to 4/0	0.375 (9.5) - 0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-750-150-WT-**-	250	--	2 to 4/0	0.375 (9.5) - 0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-750-150-*	250	250	2 to 4/0	0.375 (9.5) - 0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-750-150-**-*	250	--	2 to 4/0	0.375 (9.5) - 0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-750-150-WT-S	100	100	2 to 4/0	0.375 (9.5) - 0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-750-150-**-S	100	100	2 to 4/0	0.375 (9.5) - 0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-750-150-WT-J	2,500	2,500	2 to 4/0	0.375 (9.5) - 0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-750-150-WT-J-**-	2,500	--	2 to 4/0	0.375 (9.5) - 0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-750-150-**-J	2,500	2,500	2 to 4/0	0.375 (9.5) - 0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-750-150-**-J-**-	2,500	--	2 to 4/0	0.375 (9.5) - 0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-1000-150-WT	250	250	2/0 to 0.950" dia.	0.450 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-1000-150-WT-**-	250	--	2/0 to 0.950" dia.	0.450 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	--	PR Plus	R4300/ R6602
HX-1000-150-*	250	250	2/0 to 0.950" dia.	0.450 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-1000-150-**-*	250	--	2/0 to 0.950" dia.	0.450 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	--	PR Plus	R4300/ R6602
HX-1000-150-WT-S	100	100	2/0 to 0.950" dia.	0.450 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-1000-150-**-S	100	100	2/0 to 0.950" dia.	0.450 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-1000-150-WT-J	2,500	2,500	2/0 to 0.950" dia.	0.450 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-1000-150-WT-J-**-	2,500	--	2/0 to 0.950" dia.	0.450 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	--	PR Plus	R4300/ R6602
HX-1000-150-**-J	2,500	2,500	2/0 to 0.950" dia.	0.450 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-1000-150-**-J-**-	2,500	--	2/0 to 0.950" dia.	0.450 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	--	PR Plus	R4300/ R6602
HX-1500-150-WT	250	250	N/A	0.750 (19.0) - 1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-1500-150-*	250	250	N/A	0.750 (19.0) - 1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-1500-150-WT-S	100	100	N/A	0.750 (19.0) - 1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-1500-150-**-S	100	100	N/A	0.750 (19.0) - 1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-1500-150-WT-J	1,000	1,000	N/A	0.750 (19.0) - 1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-1500-150-**-J	1,000	1,000	N/A	0.750 (19.0) - 1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-2000-150-WT	100	100	N/A	1.000 (25.4) - 1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	0.045 (1.1) ± 0.007 (0.2)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-2000-150-*	100	100	N/A	1.000 (25.4) - 1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	0.045 (1.1) ± 0.007 (0.2)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-2000-150-WT-S	50	50	N/A	1.000 (25.4) - 1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	0.045 (1.1) ± 0.007 (0.2)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-2000-150-**-S	50	50	N/A	1.000 (25.4) - 1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	0.045 (1.1) ± 0.007 (0.2)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-2000-150-WT-J	1,000	1,000	N/A	1.000 (25.4) - 1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	0.045 (1.1) ± 0.007 (0.2)	1.500 (38.1)	PR Plus	R4300/ R6602
HX-2000-150-**-J	1,000	1,000	N/A	1.000 (25.4) - 1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	0.045 (1.1) ± 0.007 (0.2)	1.500 (38.1)	PR Plus	R4300/ R6602

*Choosing Your PermaSleeve Color

While white, yellow and black are standard colors, you may special order your sleeves in the colors listed below. Replace WT or YL with the abbreviation of the desired color.

Example: HX-094-150-WT-4 becomes HX-094-150-RD-4

Standard Stock Colors:

WT = White
YL = Yellow
BK = Black

Special Order Colors:

(Contact Brady Customer Service for availability)

BK = Black GY = Gray RD = Red
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GR = Green

** Choosing Your PermaSleeve Pieces (optional):

While 1 marker per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Replace the double asterisks (**) in the part number to fill in your desired pieces per marker.

Example: HX-187-150-WT-**- becomes HX-187-150-WT-4

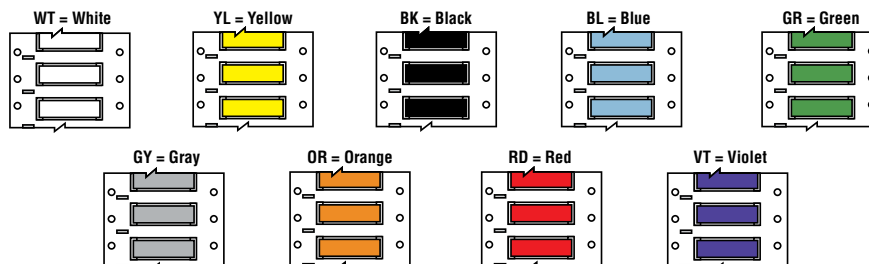
This "4" means that this 2.000" sleeve is slit into four 0.500" pieces.

Standard Option:

1 marker per sleeve

Other Available Slit Options:

2, 3 or 4 markers per sleeve



Note: White, yellow and black are standard. All other colors available as special order.

See all benchtop printer ribbon parts on page 152
and full material descriptions on pages 164-170.

Approx. wire gauge based on AWG for THHN wire.

1-800-782-1235 | www.HansenSupply.com

THT Labels: PermaSleeve® Wire Marking Sleeves

www.HansenSupply.com

B-7642 PermaSleeve® HX Polyolefin Wire Marking Sleeves:

Use the table below to browse all available single-sided printing, 2" width B-7642 PermaSleeve® HX Polyolefin Wire Marking Sleeves or build your own part number on page 120.

Single-Sided Printable, 2" Sleeve Width

Part Number	Sleeves Per Roll	Pieces Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm) Min. Max.	Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Printer	Rec. Ribbon
HX-094-2-WT	2,500	2,500	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-094-2-WT-**	2,500	--	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-094-2-*	2,500	2,500	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-094-2-*-*	2,500	--	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-094-2-WT-S	500	500	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-094-2-YL-S	500	500	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-094-2-WT-J	10,000	10,000	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-094-2-WT-J-**	10,000	--	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-094-2-YL-J	10,000	10,000	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-094-2-YL-J-**	10,000	--	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-125-2-WT	2,500	2,500	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-125-2-WT-**	2,500	--	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-125-2-*	2,500	2,500	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-125-2-*-*	2,500	--	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-125-2-WT-S	500	500	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-125-2-YL-S	500	500	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-125-2-WT-J	10,000	10,000	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-125-2-WT-J-**	10,000	--	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-125-2-YL-J	10,000	10,000	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-125-2-YL-J-**	10,000	--	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-187-2-WT	2,500	2,500	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-187-2-WT-**	2,500	--	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-187-2-*	2,500	2,500	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-187-2-*-*	2,500	--	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-187-2-WT-S	500	500	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-187-2-YL-S	500	500	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-187-2-WT-J	10,000	10,000	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-187-2-WT-J-**	10,000	--	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-187-2-YL-J	10,000	10,000	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-187-2-YL-J-**	10,000	--	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602

B-7642 PermaSleeve® HX Polyolefin Single-Sided 2" Width Wire Marking Sleeves continue on next page.

*Choosing Your PermaSleeve Color

You may also choose to order your PermaSleeve HX 2" wire marking sleeves in the colors listed below. Replace the singular asterisk (*) with the abbreviation of the desired color.

Example: HX-094-2-*-* becomes HX-094-2-RD-4

Available Stock Colors:

BK = Black GR = Green RD = Red YL = Yellow
BL = Blue GY = Gray VT = Violet WT = White
BR = Brown OR = Orange

** Choosing Your PermaSleeve Pieces (optional):

While 1 marker per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Replace the double asterisks (**) in the part number to fill in your desired pieces per marker.

Example: HX-187-2-WT-** becomes HX-187-2-WT-4

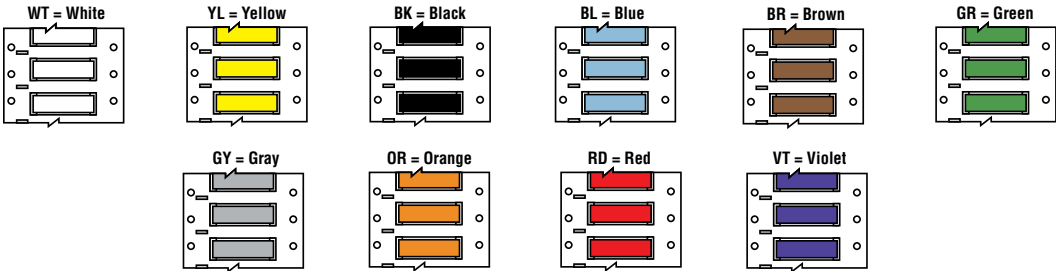
This "4" means that this 2.000" sleeve is slit into four 0.500" pieces.

Standard Option:

1 marker per sleeve

Other Available Slit Options:

2, 3 or 4 markers per sleeve



See all benchtop printer ribbon parts on page 152 and full material descriptions on pages 164-170.

Approx. wire gauge based on AWG for THHN wire.

THT Labels: PermaSleeve® Wire Marking Sleeves

B-7642 PermaSleeve® HX Polyolefin Wire Marking Sleeves:

Single-Sided Printable, 2" Sleeve Width (Continued from previous page)

Part Number	Sleeves Per Roll	Pieces Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm) Min. Max.	Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Printer	Rec. Ribbon
HX-250-2-WT	1,000	1,000	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-250-2-WT-*	1,000	--	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-250-2-*	1,000	1,000	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-250-2-**-*	1,000	--	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-250-2-WT-S	250	250	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-250-2-YL-S	250	250	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-250-2-WT-J	7,500	7,500	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-250-2-WT-J-*	7,500	--	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-250-2-YL-J	7,500	7,500	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-250-2-YL-J-*	7,500	--	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-375-2-WT	1,000	1,000	8 to 4	0.188 (4.8) - 0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-375-2-WT-*	1,000	--	8 to 4	0.188 (4.8) - 0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-375-2-*	1,000	1,000	8 to 4	0.188 (4.8) - 0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-375-2-**-*	1,000	--	8 to 4	0.188 (4.8) - 0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-375-2-WT-S	250	250	8 to 4	0.188 (4.8) - 0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-375-2-YL-S	250	250	8 to 4	0.188 (4.8) - 0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-375-2-WT-J	2,500	2,500	8 to 4	0.188 (4.8) - 0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-375-2-WT-J-*	2,500	--	8 to 4	0.188 (4.8) - 0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-375-2-YL-J	2,500	2,500	8 to 4	0.188 (4.8) - 0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-375-2-YL-J-*	2,500	--	8 to 4	0.188 (4.8) - 0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-500-2-WT	500	500	6 to 1	0.250 (6.4) - 0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-500-2-WT-*	500	--	6 to 1	0.250 (6.4) - 0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-500-2-*	500	500	6 to 1	0.250 (6.4) - 0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-500-2-**-*	500	--	6 to 1	0.250 (6.4) - 0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-500-2-WT-S	250	250	6 to 1	0.250 (6.4) - 0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-500-2-YL-S	250	250	6 to 1	0.250 (6.4) - 0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-500-2-WT-J	2,500	2,500	6 to 1	0.250 (6.4) - 0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-500-2-WT-J-*	2,500	--	6 to 1	0.250 (6.4) - 0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-500-2-YL-J	2,500	2,500	6 to 1	0.250 (6.4) - 0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-500-2-YL-J-*	2,500	--	6 to 1	0.250 (6.4) - 0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602

B-7642 PermaSleeve® HX Polyolefin Single-Sided 2" Width Wire Marking Sleeves continue on next page.

*Choosing Your PermaSleeve Color

You may also choose to order your PermaSleeve HX 2" wire marking sleeves in the colors listed below. Replace the singular asterisk (*) with the abbreviation of the desired color.

Example: HX-094-2-**-4 becomes HX-094-2-**RD**-4

Available Stock Colors:

BK = Black GR = Green RD = Red YL = Yellow
BL = Blue GY = Gray VT = Violet WT = White
BR = Brown OR = Orange

** Choosing Your PermaSleeve Pieces (optional):

While 1 marker per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Replace the double asterisks (**) in the part number to fill in your desired pieces per marker.

Example: HX-187-2-WT-** becomes HX-187-2-WT-4

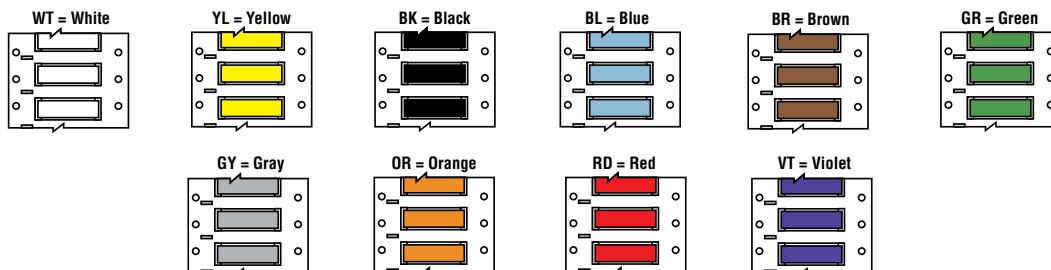
This "4" means that this 2.000" sleeve is slit into four 0.500" pieces.

Standard Option:

1 marker per sleeve

Other Available Slit Options:

2, 3 or 4 markers per sleeve



See all benchtop printer ribbon parts on page 152 and full material descriptions on pages 164-170.

Approx. wire gauge based on AWG for THHN wire.

1-800-782-1235 | www.HansenSupply.com

THT Labels: PermaSleeve® Wire Marking Sleeves

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B-7642 PermaSleeve® HX Polyolefin Wire Marking Sleeves:

Single-Sided Printable, 2" Sleeve Width (Continued from previous page)

Part Number	Sleeves Per Roll	Pieces Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm) Min. Max.	Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Printer	Rec. Ribbon
HX-750-2-WT	250	250	2 to 4/0	0.375 (9.5) - 0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-750-2-WT-*	250	--	2 to 4/0	0.375 (9.5) - 0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-750-2-*	250	250	2 to 4/0	0.375 (9.5) - 0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-750-2-**-*	250	--	2 to 4/0	0.375 (9.5) - 0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-750-2-WT-S	100	100	2 to 4/0	0.375 (9.5) - 0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-750-2-YL-S	100	100	2 to 4/0	0.375 (9.5) - 0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-750-2-WT-J	2,500	2,500	2 to 4/0	0.375 (9.5) - 0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-750-2-WT-J-*	2,500	--	2 to 4/0	0.375 (9.5) - 0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-750-2-YL-J	2,500	2,500	2 to 4/0	0.375 (9.5) - 0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-750-2-YL-J-*	2,500	--	2 to 4/0	0.375 (9.5) - 0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	--	PR Plus	R4300/ R6602
HX-1000-2-WT	250	250	2/0 to 0.950" dia.	0.450 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-1000-2-WT-*	250	--	2/0 to 0.950" dia.	0.450 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	--	PR Plus	R4300/ R6602
HX-1000-2-*	250	250	2/0 to 0.950" dia.	0.450 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-1000-2-**-*	250	--	2/0 to 0.950" dia.	0.450 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	--	PR Plus	R4300/ R6602
HX-1000-2-WT-S	100	100	2/0 to 0.950" dia.	0.450 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-1000-2-YL-S	100	100	2/0 to 0.950" dia.	0.450 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-1000-2-WT-J	2,500	2,500	2/0 to 0.950" dia.	0.450 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-1000-2-WT-J-*	2,500	--	2/0 to 0.950" dia.	0.450 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	--	PR Plus	R4300/ R6602
HX-1000-2-YL-J	2,500	2,500	2/0 to 0.950" dia.	0.450 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-1000-2-YL-J-*	2,500	--	2/0 to 0.950" dia.	0.450 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	--	PR Plus	R4300/ R6602
HX-1500-2-WT	250	250	N/A	0.750 (19.0) - 1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-1500-2-*	250	250	N/A	0.750 (19.0) - 1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-1500-2-WT-S	100	100	N/A	0.750 (19.0) - 1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-1500-2-YL-S	100	100	N/A	0.750 (19.0) - 1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-1500-2-WT-J	1,000	1,000	N/A	0.750 (19.0) - 1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-1500-2-YL-J	1,000	1,000	N/A	0.750 (19.0) - 1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-2000-2-WT	100	100	N/A	1.000 (25.4) - 1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	0.045 (1.1) ± 0.007 (0.2)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-2000-2-*	100	100	N/A	1.000 (25.4) - 1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	0.045 (1.1) ± 0.007 (0.2)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-2000-2-WT-S	50	50	N/A	1.000 (25.4) - 1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	0.045 (1.1) ± 0.007 (0.2)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-2000-2-YL-S	50	50	N/A	1.000 (25.4) - 1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	0.045 (1.1) ± 0.007 (0.2)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-2000-2-WT-J	1,000	1,000	N/A	1.000 (25.4) - 1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	0.045 (1.1) ± 0.007 (0.2)	2.000 (50.8)	PR Plus	R4300/ R6602
HX-2000-2-YL-J	1,000	1,000	N/A	1.000 (25.4) - 1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	0.045 (1.1) ± 0.007 (0.2)	2.000 (50.8)	PR Plus	R4300/ R6602

*Choosing Your PermaSleeve Color

You may also choose to order your PermaSleeve HX 2" wire marking sleeves in the colors listed below. Replace the singular asterisk (*) with the abbreviation of the desired color.

Example: HX-094-2-**-4 becomes HX-094-2-**RD**-4

Available Stock Colors:

BK = Black GR = Green RD = Red YL = Yellow
BL = Blue GY = Gray VT = Violet WT = White
BR = Brown OR = Orange

** Choosing Your PermaSleeve Pieces (optional):

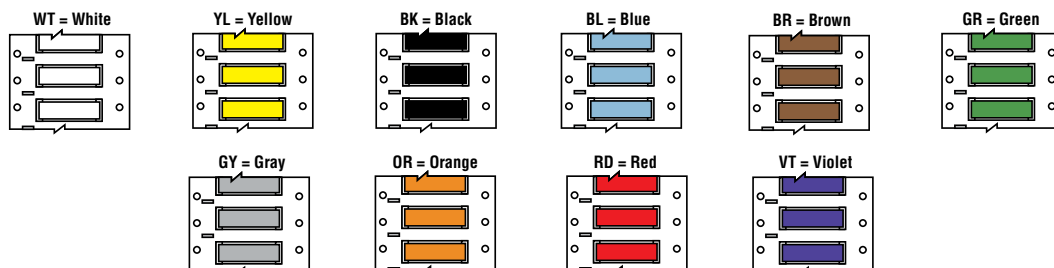
While 1 marker per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Replace the double asterisks (**) in the part number to fill in your desired pieces per marker.

Example: HX-187-2-WT-** becomes HX-187-2-WT-4

This "4" means that this 2.000" sleeve is slit into four 0.500" pieces.

Standard Option:
1 marker per sleeve

Other Available Slit Options:
2, 3 or 4 markers per sleeve



Don't See What You Need?

Build your own PermaSleeve® Wire Marker using the guide on page 120. Quickly and easily designate your product, diameter, color and more to get the perfect PermaSleeve Wire Marker for your application!

See all benchtop printer ribbon parts on page 152 and full material descriptions on pages 164-170.

Approx. wire gauge based on AWG for THHN wire.

THT Labels: PermaSleeve® Wire Marking Sleeves

B-7642 PermaSleeve® 2HX Polyolefin Wire Marking Sleeves:

Use the table below to browse all available double-sided printing, 2" width B-7642 PermaSleeve® 2HX Polyolefin Wire Marking Sleeves or build your own part number on page 120.

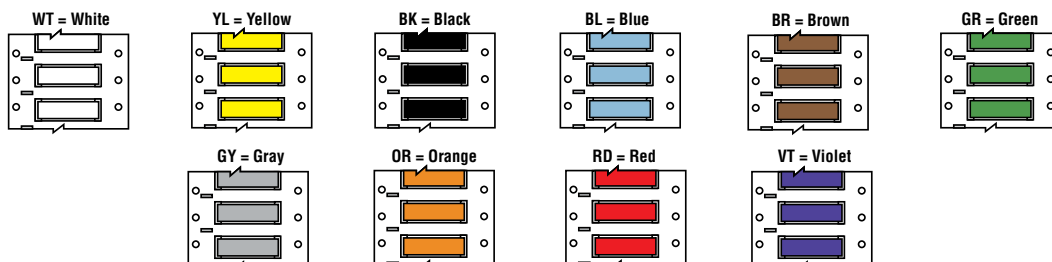
Double-Sided Printable, 2" Sleeve Width

Part Number	Sleeves Per Roll	Pieces Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm) Min. Max.	Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Printer	Rec. Ribbon
2HX-094-2-WT	2,500	2,500	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-094-2-WT-*	2,500	--	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2HX-094-2-*	2,500	2,500	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-094-2-*.*	2,500	--	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2HX-094-2-WT-S	500	500	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-094-2-YL-S	500	500	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-094-2-WT-J	10,000	10,000	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-094-2-WT-J-*	10,000	--	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2HX-094-2-YL-J	10,000	10,000	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-094-2-YL-J-*	10,000	--	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2HX-125-2-WT	2,500	2,500	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-125-2-WT-*	2,500	--	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2HX-125-2-*	2,500	2,500	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-125-2-*.*	2,500	--	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2HX-125-2-WT-S	500	500	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-125-2-YL-S	500	500	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-125-2-WT-J	10,000	10,000	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-125-2-WT-J-*	10,000	--	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2HX-125-2-YL-J	10,000	10,000	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-125-2-YL-J-*	10,000	--	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2HX-187-2-WT	2,500	2,500	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-187-2-WT-*	2,500	--	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2HX-187-2-*	2,500	2,500	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-187-2-*.*	2,500	--	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2HX-187-2-WT-S	500	500	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-187-2-YL-S	500	500	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-187-2-WT-J	10,000	10,000	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-187-2-WT-J-*	10,000	--	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2HX-187-2-YL-J	10,000	10,000	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-187-2-YL-J-*	10,000	--	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2HX-250-2-WT	1,000	1,000	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-250-2-WT-*	1,000	--	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2HX-250-2-*	1,000	1,000	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-250-2-*.*	1,000	--	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2HX-250-2-WT-S	250	250	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-250-2-YL-S	250	250	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602

B-7642 PermaSleeve® HX Polyolefin Single-Sided 2" Width Wire Marking Sleeves continue on next page.

*Choosing Your PermaSleeve Color			
You may also choose to order your PermaSleeve HX 2" wire marking sleeves in the colors listed below. Replace the singular asterisk (*) with the abbreviation of the desired color. Example: HX-094-2-*.4 becomes HX-094-2-RD-4			
Available Stock Colors:			
BK = Black	GR = Green	RD = Red	YL = Yellow
BL = Blue	GY = Gray	VT = Violet	WT = White
BR = Brown	OR = Orange		

** Choosing Your PermaSleeve Pieces (optional):	
While 1 marker per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Replace the double asterisks (**) in the part number to fill in your desired pieces per marker. Example: HX-187-2-WT-*. becomes HX-187-2-WT-4 This "4" means that this 2.000" sleeve is slit into four 0.500" pieces.	
Standard Option: 1 marker per sleeve	Other Available Slit Options: 2, 3 or 4 markers per sleeve



See all benchtop printer ribbon parts on page 152 and full material descriptions on pages 164-170.

Approx. wire gauge based on AWG for THHN wire.

1-800-782-1235 | www.HansenSupply.com

THT Labels: PermaSleeve® Wire Marking Sleeves

www.HansenSupply.com

B-7642 PermaSleeve® 2HX Polyolefin Wire Marking Sleeves:

Double-Sided Printable, 2" Sleeve Width (Continued from previous page)

Part Number	Sleeves Per Roll	Pieces Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm)		Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Printer	Rec. Ribbon
2HX-250-2-WT-J	7,500	7,500	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-250-2-WT-J**	7,500	--	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2HX-250-2-YL-J	7,500	7,500	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-250-2-YL-J**	7,500	--	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2HX-375-2-WT	1,000	1,000	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-375-2-WT**	1,000	--	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2HX-375-2*	1,000	1,000	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-375-2* **	1,000	--	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2HX-375-2-WT-S	250	250	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-375-2-YL-S	250	250	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-375-2-WT-J	2,500	2,500	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-375-2-WT-J**	1,000	--	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2HX-375-2-YL-J	2,500	2,500	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-375-2-YL-J**	2,500	--	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2HX-500-2-WT	500	500	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-500-2-WT**	500	--	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2HX-500-2*	500	500	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-500-2* **	500	--	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2HX-500-2-WT-S	250	250	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-500-2-YL-S	250	250	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-500-2-WT-J	2,500	2,500	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-500-2-WT-J**	2,500	--	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2HX-500-2-YL-J	2,500	2,500	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-500-2-YL-J**	2,500	--	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2HX-750-2-WT	250	250	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-750-2-WT-2	250	--	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2HX-750-2*	250	250	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-750-2* **	250	--	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2HX-750-2-WT-S	100	100	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-750-2-YL-S	100	100	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-750-2-WT-J	2,500	2,500	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-750-2-WT-J**	2,500	--	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2HX-750-2-YL-J	2,500	2,500	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-750-2-YL-J**	2,500	--	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	--	PR Plus, BBP72	R4300/ R6602
2HX-1000-2-WT	250	250	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	2.000 (50.8)	PR Plus Printer	R4300/ R6602
2HX-1000-2-WT**	250	--	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	--	PR Plus Printer	R4300/ R6602
2HX-1000-2*	250	250	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	2.000 (50.8)	PR Plus Printer	R4300/ R6602
2HX-1000-2* **	250	--	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	--	PR Plus Printer	R4300/ R6602
2HX-1000-2-WT-S	100	100	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	2.000 (50.8)	PR Plus Printer	R4300/ R6602
2HX-1000-2-YL-S	100	100	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	2.000 (50.8)	PR Plus Printer	R4300/ R6602

B-7642 PermaSleeve® HX Polyolefin Single-Sided 2" Width Wire Marking Sleeves continue on next page.

*Choosing Your PermaSleeve Color

You may also choose to order your PermaSleeve HX 2" wire marking sleeves in the colors listed below. Replace the singular asterisk (*) with the abbreviation of the desired color.

Example: HX-094-2-*4 becomes HX-094-2-**RD**-4

Available Stock Colors:

BK = Black GR = Green RD = Red YL = Yellow
BL = Blue GY = Gray VT = Violet WT = White
BR = Brown

** Choosing Your PermaSleeve Pieces (optional):

While 1 marker per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Replace the double asterisks (**) in the part number to fill in your desired pieces per marker.

Example: HX-187-2-WT-** becomes HX-187-2-WT-4

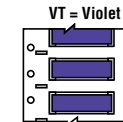
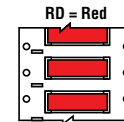
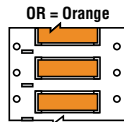
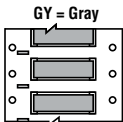
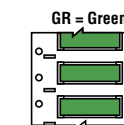
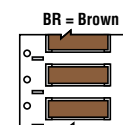
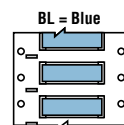
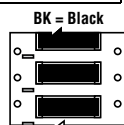
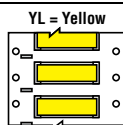
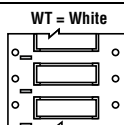
This "4" means that this 2.000" sleeve is slit into four 0.500" pieces.

Standard Option:

1 marker per sleeve

Other Available Slit Options:

2, 3 or 4 markers per sleeve



See all benchtop printer ribbon parts on page 152 and full material descriptions on pages 164-170.

Approx. wire gauge based on AWG for THHN wire.

THT Labels: PermaSleeve® Wire Marking Sleeves

B-7642 PermaSleeve® 2HX Polyolefin Wire Marking Sleeves:

Double-Sided Printable, 2" Sleeve Width (Continued from previous page)

Part Number	Sleeves Per Roll	Pieces Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm) Min. Max.	Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Printer	Rec. Ribbon
2HX-1000-2-WT-J	2,500	2,500	2/0 to 0.950" dia.	0.450 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	2.000 (50.8)	PR Plus Printer	R4300/ R6602
2HX-1000-2-WT-J-**	2,500	--	2/0 to 0.950" dia.	0.450 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	--	PR Plus Printer	R4300/ R6602
2HX-1000-2-YL-J	2,500	2,500	2/0 to 0.950" dia.	0.450 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	2.000 (50.8)	PR Plus Printer	R4300/ R6602
2HX-1000-2-YL-J-**	2,500	--	2/0 to 0.950" dia.	0.450 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	--	PR Plus Printer	R4300/ R6602
2HX-1500-2-WT	250	250	N/A	0.750 (19.0) - 1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-1500-2-*	250	250	N/A	0.750 (19.0) - 1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-1500-2-WT-S	100	100	N/A	0.750 (19.0) - 1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-1500-2-YL-S	100	100	N/A	0.750 (19.0) - 1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-1500-2-WT-J	1,000	1,000	N/A	0.750 (19.0) - 1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-1500-2-YL-J	1,000	1,000	N/A	0.750 (19.0) - 1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-2000-2-WT	100	100	N/A	1.000 (25.4) - 1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	0.045 (1.1) ± 0.007 (0.2)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-2000-2-*	100	100	N/A	1.000 (25.4) - 1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	0.045 (1.1) ± 0.007 (0.2)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-2000-2-WT-S	50	50	N/A	1.000 (25.4) - 1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	0.045 (1.1) ± 0.007 (0.2)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-2000-2-YL-S	50	50	N/A	1.000 (25.4) - 1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	0.045 (1.1) ± 0.007 (0.2)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-2000-2-WT-J	1,000	1,000	N/A	1.000 (25.4) - 1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	0.045 (1.1) ± 0.007 (0.2)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602
2HX-2000-2-YL-J	1,000	1,000	N/A	1.000 (25.4) - 1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	0.045 (1.1) ± 0.007 (0.2)	2.000 (50.8)	PR Plus, BBP72	R4300/ R6602

B-7642 PermaSleeve® HX Polyolefin Wire Marking Sleeves:

Use the table below to browse all available single-sided printing, 3" width B-7642 PermaSleeve® HX Polyolefin Wire Marking Sleeves or build your own part number on page 120.

Single-Sided Printable, 3" Sleeve Width

Part Number	Sleeves Per Roll	Pieces Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm) Min. Max.	Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Printer	Rec. Ribbon
HX-1000-3-WT	250	250	2/0 to 0.950" dia.	0.450 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	3.000 (76.2)	PR Plus	R4300/ R6602
HX-1000-3-*	250	250	2/0 to 0.950" dia.	0.450 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	3.000 (76.2)	PR Plus	R4300/ R6602
HX-1000-3-WT-J	2,500	2,500	2/0 to 0.950" dia.	0.450 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	3.000 (76.2)	PR Plus	R4300/ R6602
HX-1000-3-YL-J	2,500	2,500	2/0 to 0.950" dia.	0.450 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	3.000 (76.2)	PR Plus	R4300/ R6602
HX-1500-3-WT	250	250	N/A	0.750 (19.0) - 1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	3.000 (76.2)	PR Plus	R4300/ R6602
HX-1500-3-*	250	250	N/A	0.750 (19.0) - 1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	3.000 (76.2)	PR Plus	R4300/ R6602
HX-1500-3-WT-J	1,000	1,000	N/A	0.750 (19.0) - 1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	3.000 (76.2)	PR Plus	R4300/ R6602
HX-1500-3-YL-J	1,000	1,000	N/A	0.750 (19.0) - 1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	3.000 (76.2)	PR Plus	R4300/ R6602
HX-2000-3-WT	100	100	N/A	1.000 (25.4) - 1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	0.045 (1.1) ± 0.007 (0.2)	3.000 (76.2)	PR Plus	R4300/ R6602
HX-2000-3-*	100	100	N/A	1.000 (25.4) - 1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	0.045 (1.1) ± 0.007 (0.2)	3.000 (76.2)	PR Plus	R4300/ R6602
HX-2000-3-WT-J	1,000	1,000	N/A	1.000 (25.4) - 1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	0.045 (1.1) ± 0.007 (0.2)	3.000 (76.2)	PR Plus	R4300/ R6602
HX-2000-3-YL-J	1,000	1,000	N/A	1.000 (25.4) - 1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	0.045 (1.1) ± 0.007 (0.2)	3.000 (76.2)	PR Plus	R4300/ R6602

*Choosing Your PermaSleeve Color

You may also choose to order your PermaSleeve HX 2" or 3" wire marking sleeves in the colors listed below. Replace the singular asterisk (*) with the abbreviation of the desired color.

Example: HX-094-2-*4 becomes HX-094-2-RD-4

Available Stock Colors:

BK = Black GR = Green RD = Red YL = Yellow
BL = Blue GY = Gray VT = Violet WT = White
BR = Brown OR = Orange

** Choosing Your PermaSleeve Pieces (optional):

While 1 marker per sleeve is standard, you may also choose to have each 2" sleeve slit multiple times to produce multiple pieces. Replace the double asterisks (**) in the part number to fill in your desired pieces per marker.

Example: HX-187-2-WT-** becomes HX-187-2-WT-4

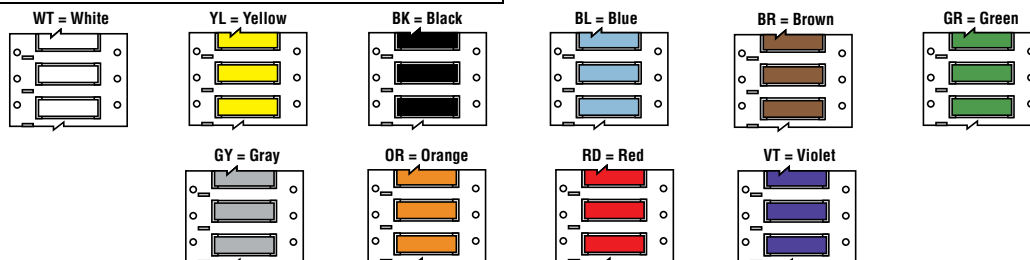
This "4" means that this 2.000" sleeve is slit into four 0.500" pieces.

Standard Option:

1 marker per sleeve

Other Available Slit Options:

2, 3 or 4 markers per sleeve



See all benchtop printer ribbon parts on page 152 and full material descriptions on pages 164-170.

Approx. wire gauge based on AWG for THHN wire.

1-800-782-1235 | www.HansenSupply.com